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FM 17-19D4

SOLDIER'S MANUAL

CAVALRY SCOUT

1 US
2 War Dept.
3 Field Manual

MOS 19D

SKILL LEVEL 4

VWZ4

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Field Manual
No. 17-19D4

FM 17-19D4
HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 14 September 1979

SOLDIER'S MANUAL
MOS 19D, SKILL LEVEL 4
CAVALRY SCOUT

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To comply with guidance of the Assistant Secretary of Defense (Manpower and Reserve Affairs), this Soldier's Manual has been reviewed for the use of neutral language. Unless otherwise noted, where the third person singular is used in this publication, the word "he" will be understood to stand for both masculine and feminine genders.

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COMMANDER'S ATTENTION

Soldier's Manuals are designed to tell soldiers what tasks they must be proficient in to be MOS qualified. If soldiers follow the road map these manuals provide, they should progress readily to positions of responsibility commensurate with their aptitude and motivation.

Initial distribution of Soldier's Manuals will be made to the unit level, based upon assigned strength in the particular MOS and Skill Level. In the event additional manuals are needed by the unit for MOS study, libraries, or other training needs, requests for publications may be sent directly to the US Army Publications Center, 2800 Eastern Boulevard, Baltimore, MD 21220.

When soldiers are issued Soldier's Manuals by their units, they are responsible for retaining and maintaining them. If they transfer, they must return the manuals to their units.

This Soldier's Manual was prepared by the US Army Armor School.

THOMAS P. LYNCH
Major General, USA
Commandant

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RESERVE COMPONENTS: ARMY NATIONAL GUARD AND ARMY RESERVE

This Soldier's Manual is representative of the critical tasks to be performed by the active Army soldier in your MOS on equipment available in the active Army inventory.

Most tasks in this manual *are applicable to you* without changes. However, some tasks may require modification due to differences of equipment, facilities, and training time available.

Many tasks you have learned are in this manual; however, there are other critical tasks that you must learn on your own. Training references/materials are available and can be provided to you through your unit. This is where your initiative comes into play. It is to your advantage to take the initiative NOW. Your performance in your duty position will be based on your ability to perform all the critical tasks for which you are accountable.

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CHAPTER 1

INTRODUCTION

USING YOUR SOLDIER'S MANUAL

This Soldier's Manual contains the tasks and task summaries for skill level 4, MOS 19D. It is the third in a series of four manuals (skill levels 1 and 2 are combined) which together completely describe all the skills that make up MOS 19D. Each manual is directed toward a specific grade as you, the soldier, prepare to advance. Just as a soldier builds on his knowledge, these manuals build on each other.

The list in chapter 2 contains those additional tasks that, together with all your previous skills at skill levels 1, 2 and 3, will be tested on Skill Qualification Test (SQT) skill level 4. Approximately one-quarter to one-third of the skill level 4 test will come from this new list of skills. The remainder of the test will come from the skills you learned from the previous Soldier's Manuals. The skills listed are presented in the same manner as those in chapters 2 and 3 of the skill level 1, 2 and 3 manuals.

Learn all these tasks and practice them. If you are serving as a cavalry scout, that will be no problem. If you are serving in some other job away from cavalry, request through your chain of command some training time for preparation. You must learn these skills before you can pass the SQT skill level 4 and be promoted to E7.

Post this manual behind FM 17-19D3 or FM 17-19G3. Use the two manuals together to prepare for the skill level 4 SQT. As you progress in rank, additional manuals will be provided for skill level 5 (MOS 19Z). The series, when assembled, will be a comprehensive reference of all the critical tasks applying to your MOS.

JOB SUMMARY

You have now acquired skill level 4. This skill level is associated with the grade of E6 and MOS 19D40.

The job possibilities for you as a 19D40 are platoon sergeant or assistant operations/intelligence NCO.

The critical tasks that apply to these jobs are contained in chapter 2. You must be proficient in these tasks.

Remember, as you progress to skill level 5, you are still required to maintain proficiency in your skill level 1, 2, 3 and 4 tasks. Furthermore, as a leader, you have a responsibility to train your subordinates in those tasks you have already mastered.

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*USAARMS is proponent for task summaries in this Soldier's Manual which begin with the numbers **171-**, and have as a middle group the numbers 121 thru 140. Preparing agencies for other tasks and their system/subject area codes (the middle number group) are:*

***031**-503*	*Chemical Directorate, US Army Ordnance Center and School (USAOC&S), Edgewood Arsenal*
***051**-191 thru 265*	*USA Engineer School (USAES)*
***061**-266 thru 310*	*USA Field Artillery School (USAFAS)*
***071**-311 thru 335*	*USA Infantry School (USAIS)*
***081**-821 thru 895*	*Academy of Health Sciences, US Army (AHSUSA)*
***113**-571 thru 715*	*USA Signal School (USASIGS)*
***121**-001 thru 040*	*USA Institute of Administration (USAIA)*
***191**-376 thru 395*	*USA Military Police School (USAMPS)*
***301**-336 thru 375*	*USA Intelligence Center and School (USAINTS)*
***551**-716 thru 790*	*USA Transportation School (USATSCH)*
###-091	*USA Air Defense School (USAADS)*
###-530	*USA Quartermaster School (USAQMS)*
###-896	*USA Combat Arms Training Board (USACATB)*

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CHAPTER 2

COMMON TASK FOR CAVALRY SCOUTS

SKILL LEVEL 4

TASK NUMBER	TASK	Page
	COMMUNICATIONS	
113-609-1001	Install and Operate Communications Security Equipment TSEC/KY-8 Using RT-524/VRC	2-3
113-609-1002	Install and Operate Speech Security Equipment TSEC/KY-38 (Dismounted Operation)	2-6
113-609-1064	Install and Operate Speech Security Equipment TSEC/KY-38 (Mounted Operation)	2-9
	NUCLEAR, BIOLOGICAL, AND CHEMICAL	
031-503-4001	Supervise Unit Decontamination of Equipment	2-12
031-503-4003	Supervise Tactical Dosimetry Operations	2-14
031-503-4006	Supervise Radiological Monitoring	2-16
	ADMINISTRATION, LEADERSHIP, AND TRAINING	
121-030-3501	Prepare the Indorser's Section of an Enlisted Evaluation Report (EER)	2-18
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171-121-3007	Conduct a Zone Reconnaissance	2-48
171-121-3008	Conduct an Area Reconnaissance	2-51
171-121-4002	Conduct Platoon Security Missions	2-53
171-140-4007	Direct Fire and Maneuver of a Platoon against an Enemy Position	2-56
171-140-4008	Prepare a Platoon Fire Plan	2-58
171-140-4009	Direct Platoon Fires	2-61
171-140-4010	Direct Assembly Area Activities	2-64
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171-140-4012	Coordinate Passage of Lines	2-69
171-140-4016	Conduct Platoon Techniques of Movement	2-75

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INSTALL AND OPERATE COMMUNICATIONS SECURITY EQUIPMENT TSEC/KY-8 USING RT-524/VRC

CONDITIONS

This task is performed under all weather conditions in a field or a garrison location. Given Security Equipment TSEC/KY-8, a tactical FM radio set, TM 11-580-300-12, and all cables necessary to install the TSEC/KY-8.

STANDARDS

Within 10 minutes, install the security equipment TSEC/KY-8 according to the performance measures.

PERFORMANCE MEASURES

1. Install Security Equipment TSEC/KY-8 with remote control unit (RCU) (see TM 11-5810-300-12, para 2-20 and 2-30).

    a. Place the TSEC/KY-8 in the mount and secure locking the levers.

    b. Connect the cables.

    c. Switch radio power to OFF (when using RT-524/VRC or RT-246/VRC switch power ON).

    d. Switch the RCU power to OFF.

    e. Switch the RCU to CIPHER.

    f. Switch the TSEC/KY-8 to REMOTE.

    g. Key the TSEC/KY-8 (CLASSIFIED).

    h. Switch the RCU power to ON.

    i. Perform the TSEC/KY-8 alarm test (pause at each position; the red light should blink on and beeps should be heard).

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PERFORMANCE MEASURES (cont)

j. Perform these steps for the KYK-5 only:

(1) Flip the ZEROIZE switch.

(2) Make a cipher transmission. Beeps should be heard and the plain (red) light should flash.

(3) Turn the RCU power to OFF.

(4) Key the KYK-5 again (CLASSIFIED).

(5) Turn the RCU power to ON.

(6) Press the PUSH-TO-TALK; a single beep should be heard.

(7) Begin secure transmission.

Note. If a constant series of beeps is heard or flashing red light occurs during cipher transmissions, repeat entire first start. If the problem recurs, switch to plain voice and notify your supervisor or maintenance facility.

k. In an emergency, eliminate the key according to local ZEROIZE procedures.

2. Install Security Equipment TSEC/KY-8 without remote control unit (see TM 11-5810-300-12, para 2-20 and 2-31).

a. Place the TSEC/KY-8 in the mount and secure all locking levers.

b. Connect all cables.

c. Switch radio power to OFF (when using RT-524/VRC or RT-246/VRC, switch power to ON).

d. Switch the TSEC/KY-8 power to OFF.

e. Switch the TSEC/KY-8 to CIPHER.

f. Switch the TSEC/KY-8 to LOCAL.

g. Key the TSEC/KY-8 (CLASSIFIED).

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PERFORMANCE MEASURES (cont)

h. Turn the TSEC/KY-8 power to ON.

i. Perform the TSEC/KY-8 alarm test (pause at each position; beeps should be heard and plain (red) light should flash.)

j. Perform these steps for the KYK-5 only:

(1) Open the KYK-5 door.

(2) Make cipher transmission. Beeps should be heard and plain (red) light should flash.

(3) Turn the TSEC/KY-8 to OFF.

(4) Key the equipment again (CLASSIFIED).

(5) Turn the TSEC/KY-8 to ON.

k. Press PUSH-TO-TALK; a single beep should be heard.

l. Begin secure transmission.

m. For subsequent transmission only performance measures 2k and 21 apply.

n. In an emergency, eliminate the key according to local ZEROIZE procedures.

Note. If a constant series of beeps is heard or flashing red light occurs during cipher transmission, repeat entire first start. If the problem recurs, switch to plain voice and notify your supervisor or support maintenance facility.

REFERENCES

TM 11-5810-300-12, Operator's and Organizational Maintenance Manual for NESTOR Commounications Systems Using TSEC/KY-8 and TSEC/KY-38 with Radio Sets and Associated Equipment (FOUO), chap 2, para 2-20, 2-30, and 2-31, p 2-20.

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INSTALL AND OPERATE SPEECH SECURITY EQUIPMENT TSEC/KY-38 (DISMOUNTED OPERATION)

CONDITIONS

This task will be performed under all weather conditions in a field or a garrison location. Your tank commander will provide you with Radio Set AN/PRC-77, Security Equipment TSEC/KY-38, TM 11-5810-300-12 (FOUO), batteries, and all cables needed to install and operate the security equipment for man-pack operation.

STANDARDS

This task has been performed correctly when, in 10 minutes, the security equipment has been installed in its mount without causing damage to the security equipment or mount, all cable connections are made and the security equipment has passed and received secure traffic according to performance measues 1 thru 3 below.

PERFORMANCE MEASURES

1. Install the TSEC/KY-38 (first start). (Refer to TM 11-5810-300-12, chap 2, sec 2, para 2-20, page 2-19 and 2-20, and fig 2-7, p 2-18.)

    a. Connect cable from the POWER connector on the radio to the RADIO connector on the TSEC/KY-38.

        CAUTION: Make sure batteries are properly installed in the TSEC/KY-38 and Radio Set AN/PRC-77.

    b. Connect the handset cable to the KY-38 AUDIO plug.

    c. Key the KY-38 (classified).

2. Operate the TSEC/KY-38. (Refer to TM 11-5810-300-12, chap 2, sec 2, para 2-32, p 2-31.)

    a. First start (daily).

        (1) Turn the radio set FUNCTION switch to ON.

        (2) Switch the KY-38 to CIPHER.

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PERFORMANCE MEASURES (cont)

(3) Switch the KY-38 DELAY to IN.

(4) Press the handset PUSH-TO-TALK switch and wait for three rapid beeps then one lower pitched beep.

(5) Begin SECURE transmission (see Task Summary 113-571-1005, Send or Receive a Radiotelephone Message).

b. Subsequent transmission.

(1) Switch DELAY to OUT (unless operating with a retransmission station using HYL-3/TSEC).

(2) Press the handset PUSH-TO-TALK switch and wait for one beep.

(3) Begin SECURE transmission.

Note. If a constant series of beeps are heard during any CIPHER transmission, repeat the entire first start. To clear the equipment in an emergency, turn the ZEROIZE switch clockwise (toward direction of arrow).

3. Follow these procedures to remedy minor problesms. (Refer to TM 11-5810-300-12, chap 3, para 3-1 thru 3-7, pp 3-1 thru 3-3.)

	SYMPTOMS	CORRECTIVE MEASURES
a.	First indication of trouble.	Clean cable connections with pencil eraser and repeat first start procedure.
b.	No beeps or no steady tone.	Rotate batteries and repeat first start procedure.
c.	Dead handset.	Repeat batteries and repeat first start procedure.
d.	Steady tone.	Verify correct key setting, key equipment again, and repeat first start.

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PERFORMANCE MEASURES (cont)

	SYMPTOMS	CORRECTIVE MEASURES
e.	Constant series of beeps.	Release PUSH-TO-TALK switch and try again.
f.	Still beeps.	Verify key setting, key equipment again, and repeat first start procedure.

Note. If problem cannot be solved by the above remedies, switch to PLAIN voice and notify your supervisor or support maintenance personnel.

REFERENCES

TM 11-5810-300-12 (FOUO), Operator and Organizationl Maintenance Manual for NESTOR Communications Systems Using TSEC/KY-8 and TSEC/KY-38 with Radio Sets and Associated Equipment.

TEC 201-113-4562-J, Operating Instructions for Communications Security Equipment HYL-3/TSEC/KY-38.

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INSTALL AND OPERATE SPEECH SECURITY EQUIPMENT TSEC/KY-38 (MOUNTED OPERATION)

CONDITIONS

Given:

1. An armored vehicle equipped with an x-moded VHF/FM radio set and the proper installation kit for COMSEC operation.
2. Z-ACD or Z-ACD 1 power supply.
3. KYK-28 or KYK-38 code changer.
4. Approved key code list.
5. TM 11-5810-245-10.
6. A net control station (NCS) with speech security equipment.

STANDARDS

Within 20 minutes, prepare the equipment for operation, and send and receive message in secure mode to and from the NCS.

PERFORMANCE MEASURES

1. Remove battery compartment Z-ACC from KY-38 and replace it with vehicular power supply, Z-ACD or Z-ACD 1.

2. Connect power cable from back of KY-38 mount to power receptacle Z-ACD or Z-ACD 1. If Z-ACD 1 is installed, turn power switch next to receptacle to ON.

3. Fasten KY-38 in mount.

4. The vehicular installation kit includes a junction box J-3024 mounted near the KY-38:

   a. Disconnect the left cable, <u>not</u> the 10-pin audio cable from the junction box, and connect it to the RADIO connector on the KY-38.
   b. Disconnect the cable on the right and connect it to the 10-pin large AUDIO connector on the KY-38.

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PERFORMANCE MEASURES (cont)

5. Key the KY-38:

   a. Place appropriate code from current code list on KYK-28 or KYK-38 code changer.
   b. Open door on KY-38 front panel.
   c. Align guide pins of code changer to the KY-38 and firmly push code changer into KY-38.
   d. Withdraw code changer. Once all radios to be keyed are communicating, remove the code from the code changer ("zeroize").
   e. Close door on KY-38 front panel and fasten it. Do not open it again as KY-38 will be automatically zeroized.

6. Make first transmission:

   a. Turn ON radio.
   b. Switch KY-38 to CIPHER.
   c. Switch KY-38 delay to IN.
   d. Key the radio: you should hear three rapid BEEPS and then 1 lower BEEP.
   e. Begin SECURE transmission (see Task Summary 113-571-1005, Send or Receive a Radiotelephone Message).

7. Make subsequent transmissions:

   a. Switch KY-38 delay to OUT.
   b. Key radio--get 1 BEEP.
   c. Begin SECURE transmission.

8. If the problems below occur, take the action indicated:

   a. STEADY TONE heard--verify correct key setting; key equipment again; repeat first transmission procedures.
   b. Constant series of BEEPS--unkey the radio and try again. If BEEPS continue, proceed as for STEADY TONE.
   c. If problem cannot be solved by above remedies, contact COMSEC maintenance.

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REFERENCES

(C)KAO-153A (detailed keying and operating instructions).
TM 11-5810-245-10, Operator's Manual for Communication Security Equipment TSEC/KY-38.
TM 11-5820-498-12, Operator's and Organizational Maintenance Manual AN/GRC-160 and AN/VRC-64.

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SUPERVISE UNIT DECONTAMINATION OF EQUIPMENT

CONDITIONS

Given unit equipment contaminated with an identified NBC agent, the requirement to decontaminate to an acceptable level (specified by the commander), and the availability of decontaminants as follows:

1. Natural--includes aging, weathering, fire, earth, and water.
2. Standard--STB, DS2, M13 decontaminating and reimpregnating kit, and the M258 skin decontaminating kit.
3. Miscellaneous--includes soap, detergent, solvents, absorbents, and explosives.

STANDARDS

1. Contamination is reduced to an acceptable level.
2. The equipment being decontaminated is usable after decontamination.

PERFORMANCE MEASURES

1. Determine what equipment requires decontamination.
2. Select decontaminates (see Task Summary 031-503-3006, Decontaminate Unit Equipment).
3. Designate personnel to do the work.
4. Make sure they wear appropriate protective equipment.
5. Establish priorities for decontamination; e.g., those items needed first will be decontaminated first.
6. Select a site for decontamination operations that is:
   a. Accessible to a suitable water source.
   b. Located downwind from friendly personnel.

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PERFORMANCE MEASURES (cont)

c. Located so that contaminated waste can be destroyed or controlled (burned or buried normally).

d. Capable of providing tactical protection to troops engaged in decontamination.

e. Capable of providing concealment or is camouflaged.

f. Located in an uncontaminated area.

7. Rotate crews or allow for frequent rest breaks.

8. Check decontamination procedures to make sure they are appropriate (see Task Summary 031-503-3006, Decontaminate Unit Equipment).

9. Have operators check the equipment with radiacmeters or chemical detector kits to determine when the acceptable level of decontamination has been reached.

10. When this level has been reached, bring the decontamination operations to an end.

REFERENCES

TM 3-220 w/C 1 and 2, Chemical, Biological, and Radiological Decontamination, para 6-10.

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SUPERVISE TACTICAL DOSIMETRY OPERATIONS

CONDITIONS

Given the mission to conduct tactical dosimetry operations, dosimeters, and operators trained to use them.

STANDARDS

An accurate indication of the total dose of radiation received by individuals in the unit is given by ensuring that the:

1. Total dose is reported accurately.
2. Report is given at least once daily.

PERFORMANCE MEASURES

1. Check all dosimeters to be used for the operation to make sure they all read 0. If any dosimeter does not, turn it in for charging.

   Note. A platoon size unit will normally be issued two dosimeters.

2. Select personnel to wear the dosimeters. These individuals should be performing duties within the unit's area.
3. Make sure the personnel wearing these dosimeters report the readings to you accurately (see Task Summary 031-503-2901, Measure Radiation Using an IM-9E/PD, IM-93/UD, or IM-147/PD Radiac Instrument).
4. At the same time (at least once daily), collect the readings from your personnel.
5. Average these readings and report this average to your supervisor.

   Note. If there is any reason to believe that the reading from one dosimeter is not representative of the unit, then do not use that reading in computing the average.

6. Continue these operations until directed to stop.

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REFERENCES

None.

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SUPERVISE RADIOLOGICAL MONITORING

CONDITIONS

Given at least one IM-174 radiacmeter with operator, paper, pencil, and map.

STANDARDS

If there is radiation in the area, the commander must be alerted to the danger.

PERFORMANCE MEASURES

1. Designate a point in your area where readings will be taken and note the grid coordinates of that point.

2. Make sure the operator takes readings at that point at least once each hour.

3. Make sure he uses the radiacmeter properly (see Task Summary 031-503-3003, Determine Radiation Readings Using an IM-174 Series Radiacmeter).

4. Make sure the operator reports any readings indicating the presence of radiation and the time of these readings to you immediately. Using this information and the location of these readings, prepare and forward an NBC-4 report as described in Task Summary 031-503-4004, Prepare and Submit an NBC-4 Report.

5. Have the operator monitor continuously if any of the following conditions occur:

   a. He obtains a reading of 1 RAD/hr or more.

   b. A fallout warning is received.

   c. A nuclear burst is seen.

   d. You are given an order to do so.

   e. The unit begins to move.

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PERFORMANCE MEASURES (cont)

6. Continue these operations until directed to stop.

REFERENCES

FM 21-40, NBC Defense, chap 3, pp 3-5 and 3-6.

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PREPARE THE INDORSER'S SECTION OF AN ENLISTED EVALUATION REPORT (EER)

CONDITIONS

Given DA Pamphlet 623-1, the unit rating scheme, a DA Form 2166-5 (with Part I and the rater's section completed), a number 2 lead pencil, and a pen with black ink.

STANDARDS

1. Assurance will be made that Part I of the DA Form 2166-5 has been properly prepared by the Military Personnel Office (MILPO).

2. Assurance will be made that Parts II and III of the DA Form 2166-5 have been prepared by the rater in accordance with DA Pam 623-1.

3. Parts II and IV of the DA Form 2166-5 will be completed in accordance with DA Pam 623-1.

4. After signing the report, the indorser will counsel the rated soldier as appropriate and have the soldier complete Part V of the DA Form 2166-5.

5. The enlisted evaluation report (EER) will be forwarded to the reviewer in accordance with the rating scheme or the special report requirement.

PERFORMANCE MEASURES

Note. The MILPO completes Parts I and VII of the report. The rater completes Parts II and III, and you (the indorser) complete Parts II and IV. The rated soldier completes Part V after he has been counseled by the rater and, if appropriate, the indorser. The MILPO is responsible for establishing procedures to obtain the rated soldier's signature in Part V. The reviewer completes Part VI only after Parts I thru V have been completed.

1. Check the current unit rating scheme and AR 600-200 to be sure you are the appropriate indorser. If you are, go to Performance Measure 2. If you are not, contact the MILPO.

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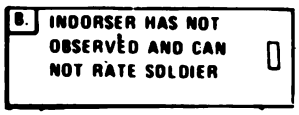
PERFORMANCE MEASURES (cont)

2. Review Parts I and II (rater's section) to make sure they are correct and complete. If known errors exist in Part I, make corrections in black ink. If discrepancies exist in Part II, correct them if you can, or return the EER to the rater for correction. Common rater errors include incorrect marking of the sense form, incorrect or omitted scores, incorrect addition, and failure to complete required items, such as mandatory comments in Block J of Part II.

3. Complete Part II of the EER as follows:

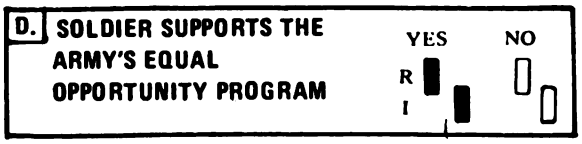
   a. Block A. Actual duties performed by the rated soldier will be filled in by the rater.

   b. Block B. If applicable, mark the box in this block with a number 2 lead pencil and enter an explanation in Block J. In this case, do not complete any other portions of Part II.



   c. Block C. Two selections are possible. Use a number 2 lead pencil to mark the appropriate box indicating frequency of contact. If applicable, also mark the "reports and records" box. As the indorser, you will mark items on the line following the "I" only.

   d. Block D. Mark the "yes" or "no" box as appropriate. A "no" response here requires explanation in Block J.



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PERFORMANCE MEASURES (cont)

e. Block E. Rate the individual carefully on each of the 10 performance traits by marking the appropriate box for each trait. Mark the ratings on the basis of the given rating scale. Enter the score for each trait in black ink in the score box in the right-hand column under "I." Add the scores in the "I" column and enter the sum in the totals box at the bottom of the column. Also enter the total in the appropriate box in Block H. Use the same marking procedures for Blocks F and G and the appropriate boxes in Block H. If the score for Block E exceeds 40 or is less than 10, justify in Block J (indorser's section).

E. DUTY PERFORMANCE TRAITS / RANKS WITH VERY BEST		SUPERIOR TO MOST		EXCEEDS OR MEETS DUTY REQUIREMENTS		NEEDS IMPROVEMENTS		SCORE	
		5	4	3	2	1 Some	0 Much	R	I
1. Is well informed on all phases of assigned duties. (Scope of knowledge about duties)	R	■						5	5
	I	■							
2. Carries out orders without constant supervision. (Dependability in performing without supervision)	R		■					4	4
	I		■						
3. Shows interest and enthusiasm for duties. (Attitude toward duties)	R		■					4	4
	I		■						
4. Demonstrates qualities of leadership. (Exerts positive influence on others)	R	■						5	5
	I	■							
5. Seeks out opportunities for self-improvement. (Effort directed toward realization of potential)	R		■					4	4
	I		■						
6. Displays ability to initiate action without direction from others. (Aggressive pursuit of methods to improve duty performance)	R		■					4	4
	I		■						
7. Is successful in working with others. (Ability to work in harmony with others)	R	■						5	5
	I	■							
8. Personal behavior sets a good example for others. (High standards of personal conduct)	R	■						5	5
	I	■							
9. Takes pride in dress and appearance. (Neat and military in bearing)	R		■					4	4
	I		■						
10. Is physically fit, as required, for MOS/grade during combat. (Physical condition)	R	■						5	5
	I	■							
							TOTALS	45	45

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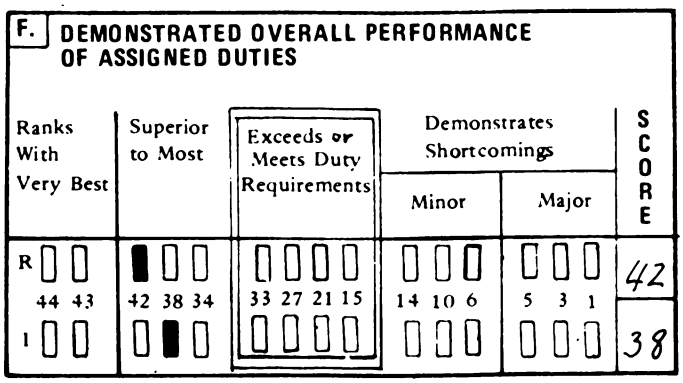
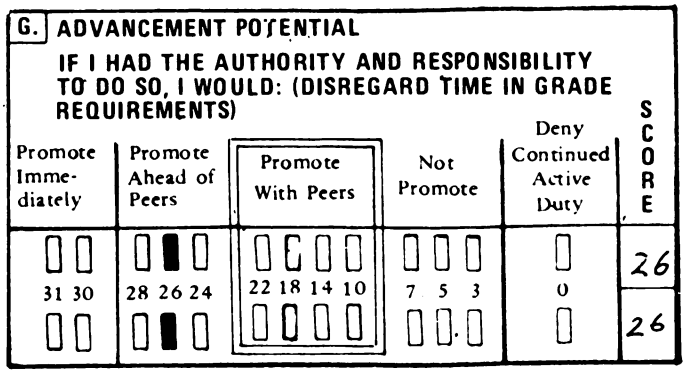
PERFORMANCE MEASURES (cont)

f. Block F. In this block, rate the soldier's strengths and weaknesses, using the yardstick of overall performance. If the score exceeds 42 or is below 6, justify in Block J (indorser's section).



g. Block G. Rate the soldier on his ability to perform in the next higher grade. Consider his total capacity in comparison with other individuals of the same grade and length of service. If the score exceeds 22 or is below 10, justify in Block J (indorser's section).



h. Block H. Enter the indorser's scores from Blocks E, F, and G in the appropriate boxes in Block H. Add these three scores and enter the total in the second "SUM" box. Then add the sums for the rater's and indorser's scores and divide that total by 2. Enter the result in the "REPT SCORE" box.

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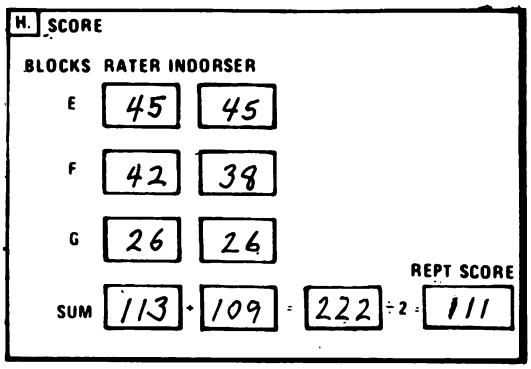
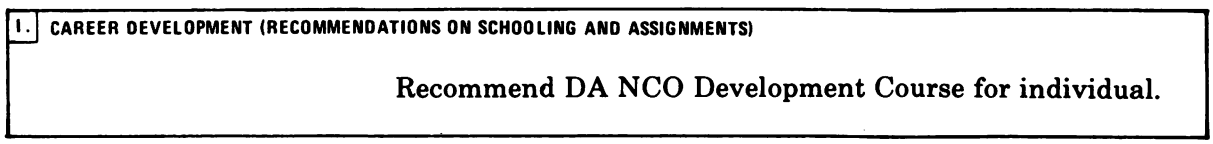
PERFORMANCE MEASURES (cont)

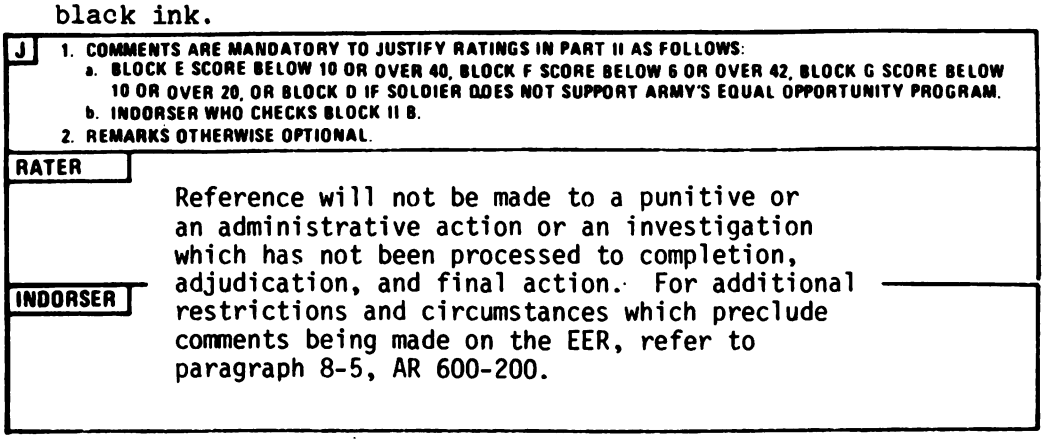
Note. The report score may be a whole number or a whole number and a decimal--e.g., 117 or 117.5. Make entries in black ink.



i. Block I. In this block, make recommendations for logical career development, such as advanced schooling and special assignments. Usually, the rater will have made recommendations in this block. The entry is normally typed, but it may be printed neatly in black ink.


I. CAREER DEVELOPMENT (RECOMMENDATIONS ON SCHOOLING AND ASSIGNMENTS)
Recommend DA NCO Development Course for individual.

j. Block J. In the indorser's section of this block, enter all the mandatory comments to justify ratings in Blocks E, F, and G and the response in Block D. In addition, enter any other comments about the soldier's performance, regardless of score. All comments should be typed or neatly printed in black ink.


J 1. COMMENTS ARE MANDATORY TO JUSTIFY RATINGS IN PART II AS FOLLOWS:
a. BLOCK E SCORE BELOW 10 OR OVER 40, BLOCK F SCORE BELOW 6 OR OVER 42, BLOCK G SCORE BELOW 10 OR OVER 20, OR BLOCK D IF SOLDIER DOES NOT SUPPORT ARMY'S EQUAL OPPORTUNITY PROGRAM.
b. INDORSER WHO CHECKS BLOCK II B.
2. REMARKS OTHERWISE OPTIONAL.
RATER
INDORSER
Reference will not be made to a punitive or an administrative action or an investigation which has not been processed to completion, adjudication, and final action. For additional restrictions and circumstances which preclude comments being made on the EER, refer to paragraph 8-5, AR 600-200.

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PERFORMANCE MEASURES (cont)

4. Parts III, IV, and V. These parts will be typed or printed in black ink. The signatures will be in black ink.

   a. Review Part III for possible discrepancies. Make sure the rater has dated his authentication in accordance with AR 600-200 and the type of report rendered.

   b. Complete Part IV. Be sure to date your authentication in accordance with AR 600-200 and the type of report rendered.

PART III RATER AUTHENTICATION		
A ORGANIZATION AND DUTY ASSIGNMENT Co C, 1st Bn, 26th Inf APO NY 09039 Sqd Ldr	B NAME AND GRADE TIMOTHY E. KREBS, E6	C DATE 5 Jan 76
	D SIGNATURE Timothy E. Krebs	
PART IV INDORSER AUTHENTICATION		
A ORGANIZATION AND DUTY ASSIGNMENT Co C, 1st Bn, 26th Inf APO NY 09039 Plt Ldr	B NAME AND GRADE LARRY A. WILDMAN, O1	C DATE 5 Jan 76
	D SIGNATURE Larry A. Wildman	
PART V SOLDIER AUTHENTICATION		
A I HAVE SEEN A COPY OF THIS REPORT COMPLETE THROUGH ACTION BY THE INDORSER I HAVE BEEN COUNSELED CONCERNING THE REPORT.	B NAME AND GRADE ROGER W. CASALENGO, E4	C DATE 6 Jan 76
	D SIGNATURE Roger W Casalengo	

   c. Before obtaining the rated soldier's signature on the evaluation form, verify that the rater has counseled the soldier regarding the evaluation report. Then further counsel the soldier, if appropriate, in accordance with DA Pam 623-1. If the report is adverse, inform the soldier of the nature of the report and inform him that the MILPO will provide guidance for submission of appeals.

   d. Have the rated soldier complete Part V if in accordance with MILPO instructions. Otherwise, return the report to the MILPO for completion of Part V.

5. Forward the report to the reviewer in accordance with the unit rating scheme or the special report requirement.

   Note. A special report requires a field grade officer in direct line of supervision over the rated soldier to act as reviewer.

6. See figure 1 for a completed example of an Enlisted Evaluation Report, DA Form 2166-5.

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PERFORMANCE MEASURES (cont)

ENLISTED EVALUATION REPORT (AR 600-200)

For preparation, see DA Pamphlet 623-1.

C. SSN

PART I PERSONAL DATA

A. GRADE (ABBR) NAME (LAST) (FIRST) (MI) SSN: SP4 Doe, John E. 000-00-0000

B. TYPE OF REPORT: INIT ANL CR SP; OTHER; SPECIFY

D. ORGANIZATION AND STATION: Co C, 1st Bn, 26th Inf APO NY 09039

E. PMOSC: 11B10 | F. DMOSC: 11B10 | G. SMOSC: 95B10

H. PERIOD OF REPORT: BEGIN MO: R; BEGIN YR: 76; END MO: R; END YR: 76

I. NONRATED PERIOD: ND. OF MONTHS ____ REASON CODES ____

J. DUTY POSITION TITLE: Rifleman; AUTH PAY GR E4

PART II RATINGS

A. BRIEF DESCRIPTION OF DUTIES

B. INDORSER HAS NOT OBSERVED AND CAN NOT RATE SOLDIER

C. REPORT BASED ON: DAILY CONTACT: R; FREQ OBSN: I; INFREQ OBSN: I; REPT & REC: I

D. SOLDIER SUPPORTS THE ARMY'S EQUAL OPPORTUNITY PROGRAM: YES R; NO I

E. DUTY PERFORMANCE TRAITS

TRAITS	RANKS WITH VERY BEST 5	SUPERIOR TO MOST 4	EXCEEDS OR MEETS DUTY REQUIREMENTS 3	2	NEEDS IMPROVEMENTS Some 1	Much 0	SCORE R	SCORE I
1. Is well informed on all phases of assigned duties. (Scope of knowledge about duties)	R						5	5
2. Carries out orders without constant supervision. (Dependability in performing without supervision)		R					4	4
3. Shows interest and enthusiasm for duties. (Attitude toward duties)		R					4	4
4. Demonstrates qualities of leadership. (Exerts positive influence on others)	R						5	5
5. Seeks out opportunities for self-improvement. (Effort directed toward realization of potential)		R					4	4
6. Displays ability to initiate action without direction from others. (Aggressive pursuit of methods to improve duty performance)		R					4	4
7. Is successful in working with others. (Ability to work in harmony with others)	R						5	5
8. Personal behavior sets a good example for others. (High standards of personal conduct)	R						5	5
9. Takes pride in dress and appearance. (Neat and military in bearing)		R					4	4
10. Is physically fit, as required, for MOS/grade during combat. (Physical condition)	R						5	5
						TOTALS	45	45

F. DEMONSTRATED OVERALL PERFORMANCE OF ASSIGNED DUTIES

	Ranks With Very Best	Superior to Most	Exceeds or Meets Duty Requirements	Demonstrates Shortcomings: Minor	Demonstrates Shortcomings: Major	SCORE
R	44 43	42 38 34	33 27 21 15	14 10 6	5 3 1	42
I						38

G. ADVANCEMENT POTENTIAL

IF I HAD THE AUTHORITY AND RESPONSIBILITY TO DO SO, I WOULD: (DISREGARD TIME IN GRADE REQUIREMENTS)

	Promote Immediately	Promote Ahead of Peers	Promote With Peers	Not Promote	Deny Continued Active Duty	SCORE
R	31 30	28 26 24	22 18 14 10	7 5 3	0	26
I						28

H. SCORE

BLOCKS	RATER INDORSER
E	45 45
F	42 38
G	26 26
SUM	113 + 109 = 222 ÷ 2 = 111 (REPT SCORE)

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Figure 1.

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PERFORMANCE MEASURES (cont)

RATED SOLDIER'S LAST NAME AND SSN			
PART II CONTINUED			
I CAREER DEVELOPMENT (RECOMMENDATIONS ON SCHOOLING AND ASSIGNMENTS)			
J 1. COMMENTS ARE MANDATORY TO JUSTIFY RATINGS IN PART II AS FOLLOWS: a. BLOCK E SCORE BELOW 10 OR OVER 40, BLOCK F SCORE BELOW 6 OR OVER 42, BLOCK G SCORE BELOW 10 OR OVER 20, OR BLOCK D IF SOLDIER DOES NOT SUPPORT ARMY'S EQUAL OPPORTUNITY PROGRAM. b. INDORSER WHO CHECKS BLOCK II B. 2. REMARKS OTHERWISE OPTIONAL.			
RATER			
INDORSER			
PART II RATER AUTHENTICATION			
A ORGANIZATION AND DUTY ASSIGNMENT	B NAME AND GRADE TIMOTHY E. KREBS, E6	C DATE	
	D SIGNATURE		
PART IV INDORSER AUTHENTICATION			
A ORGANIZATION AND DUTY ASSIGNMENT	B NAME AND GRADE LARRY A. WILDMAN, 01	C DATE	
	D SIGNATURE		
PART V SOLDIER AUTHENTICATION			
A	B NAME AND GRADE ROGER W. CASALENGO, E4	C DATE	
	D SIGNATURE		
PART VI REVIEWER AUTHENTICATION			
A			
B ORGANIZATION AND DUTY ASSIGNMENT	C NAME AND GRADE WILLIAM C. THOMAS 03	D DATE	
	E SIGNATURE		
PART VII MILPO CERTIFICATION			
A DATE REPORT ENTERED ON DA FM 2-1:	C	D	
B SOLDIER'S COPY: GIVE TO SOLDIER [ ] FORWARDED TO SOLDIER [ ] MAILED TO SOLDIER [ ] CERTIFIED MAIL NO. _____	MILPO SIGNATURE	UIC	

Figure 1 (cont).

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REFERENCES

DA Pamphlet 623-1, Preparation of Enlisted Evaluation Report.
AR 600-200, Enlisted Personnel Management System.

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PREPARE THE RATER'S SECTION OF A SENIOR ENLISTED EVALUATION REPORT (SEER)

CONDITIONS

Given DA Pamphlet 623-1, the unit rating scheme, a DA Form 2166-5A (the Senior Enlisted Evaluation Report) with Part I completed, a number 2 lead pencil, and a pen with black ink.

STANDARDS

1. Assurance will be made that Part I, DA Form 2166-5A, has been properly prepared by the Military Personnel Office (MILPO).

2. Parts II and III, DA Form 2166-5A, will be completed in accordance with (IAW) DA Pam 623-1.

3. After signing the report, the rater will counsel the soldier as appropriate.

4. The Senior Enlisted Evaluation Report (SEER) will be forwarded to the indorser IAW the rating scheme.

PERFORMANCE MEASURES

Note. The MILPO completes Parts I and VII of the report. You, the rater, complete Parts II and III, and the indorser completes Parts II and IV. The rated soldier completes Part V after he has been counseled by the rater and, if appropriate, the indorser (see DA Pam 623-1). The MILPO is responsible for establishing procedures to obtain the rated soldier's signature in Part V. The reviewer completes Part VI only after Parts I thru V have been completed.

1. Review Part I for obvious errors. If known errors exist, make corrections in black ink.

2. Complete Part II of the SEER as follows:

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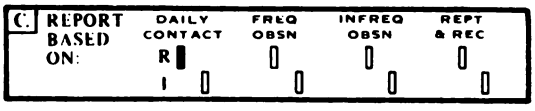
PERFORMANCE MEASURES (cont)

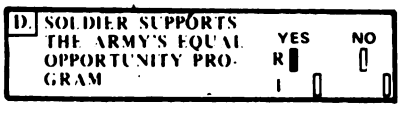
a. Block A. Enter the actual duties performed by the rated soldier, including additional duties. This entry should be typed or printed neatly in black ink.

b. Block B. This block is not applicable to the rater. It will be completed by the indorser, if appropriate.

c. Block C. Two selections are possible. Use a number 2 lead pencil to mark the appropriate box indicating frequency of contact. If applicable, also mark the "reports and records" box. As the rater, you will mark items on the line following the "R" only.



d. Block D. Mark the "yes" or "no" box as appropriate. A "no" response here requires explanation in Block K.



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PERFORMANCE MEASURES (cont)

e. Block E. Rate the individual carefully on each of the six performance qualities by marking the appropriate box for each quality. Mark the ratings on the basis of the given rating scale. Enter the score for each trait in black ink in the score box in the right-hand column under "R." Add the scores in the "R" column and enter the sum in the totals box at the bottom of the column. Also enter the total in the appropriate box in Block I. Use the same marking procedures for Blocks F, G, and H and the appropriate boxes in Block I. If the score for Block E exceeds 24 or is less than 6, justify in Block K.

E. PERFORMANCE QUALITIES	RANKS WITH VERY BEST	SUPERIOR TO MOST		EXCEEDS OR MEETS DUTY REQUIREMENT		NEEDS IMPROVEMENT		SCORE	
		5	4	3	2	Some 1	Much 0	R	I
1. Anticipates requirements and actively pursues methods of improving duty performance. (Initiative)	R		■					4	
	I								
2. Is physically fit, as required, for MOS/grade during combat. (Physical Condition)	R		■					4	
	I								
3. Takes pride in high standards of dress, grooming, and military manner. (Military Bearing)	R		■					4	
	I								
4. Behavior on and off duty is in accordance with highest Army standards. (Personal Conduct)	R		■					4	
	I								
5. Is dependable and conscientious in fulfilling obligations. (Responsibility)	R		■					4	
	I								
6. Is well informed on the scope of knowledge required for assigned duties. (Technical Competence)	R		■					4	
	I								
							TOTALS	24	

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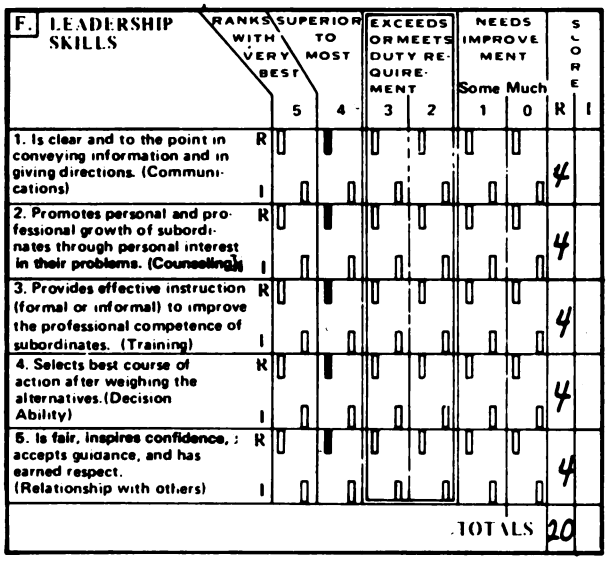
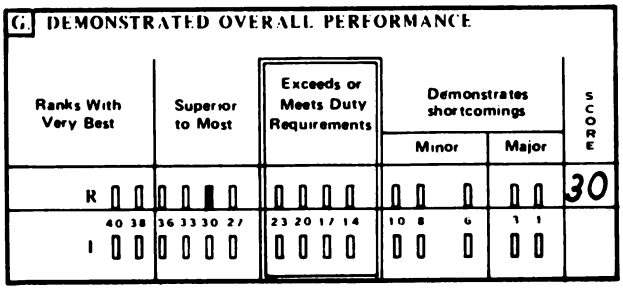
PERFORMANCE MEASURES (cont)

f. Block F. Rate the soldier on his mastery of these critical leadership skills. If the score exceeds 20 or is below 5, justify in Block K.



F. LEADERSHIP SKILLS	RANKS WITH VERY BEST	SUPERIOR TO MOST		EXCEEDS OR MEETS DUTY REQUIREMENT		NEEDS IMPROVEMENT		SCORE	
		5	4	3	2	1 Some	0 Much	R	I
1. Is clear and to the point in conveying information and in giving directions. (Communications)	R							4	
	I								
2. Promotes personal and professional growth of subordinates through personal interest in their problems. (Counseling)	R							4	
	I								
3. Provides effective instruction (formal or informal) to improve the professional competence of subordinates. (Training)	R							4	
	I								
4. Selects best course of action after weighing the alternatives. (Decision Ability)	R							4	
	I								
5. Is fair, inspires confidence, accepts guidance, and has earned respect. (Relationship with others)	R							4	
	I								
							TOTALS	20	

g. Block G. In this block, rate the soldier's strengths and weaknesses, using the yardstick of overall performance. If the score exceeds 36 or is below 6, justify in Block K.



G. DEMONSTRATED OVERALL PERFORMANCE					
Ranks With Very Best	Superior to Most	Exceeds or Meets Duty Requirements	Demonstrates shortcomings		SCORE
			Minor	Major	
R					30
I 40 38	36 33 30 27	23 20 17 14	10 8 6	1 1	

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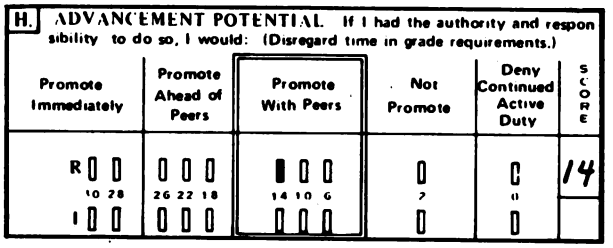
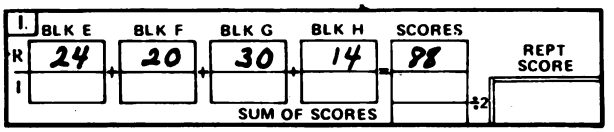
PERFORMANCE MEASURES (cont)

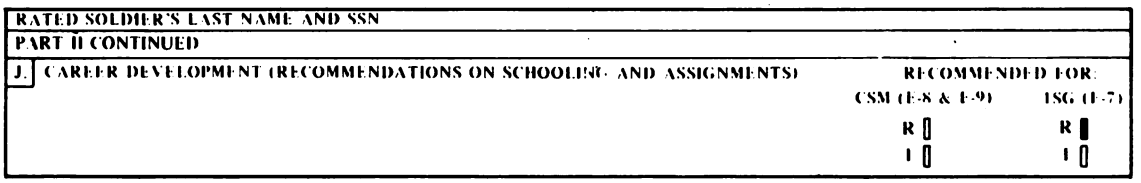
h. Block H. Rate the soldier on his ability to perform at the next higher grade. Consider his total capacity in comparison with other individuals of the same grade and length of service. If the score exceeds 14 or is below 6, justify in Block K.



i. Block I. Enter the scores from the appropriate boxes in Blocks E, F, G, and H. Add these four scores and enter the total in the scores box. Make the entries in black ink. Note that the total cannot exceed 125 points. If there is no indorser, the rater's total will be the report score.



j. Block J. In this block, make recommendations for logical career development, such as advanced schooling and special assignments. The entry should be typed or printed in black ink. If the soldier has potential to be a First Sergeant or Command Sergeant Major, use a number two lead pencil to mark the appropriate block at the right according to grade.



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PERFORMANCE MEASURES (cont)

k. Block K. Enter all the mandatory comments to justify ratings in Blocks E, F, G, and H and the response in Block D. In addition, enter any other comments about the soldier's performance, regardless of scores. All comments should be typed or printed neatly in black ink.

K. 1. COMMENTS ARE MANDATORY TO JUSTIFY RATINGS IN PART II AS FOLLOWS: a. BLOCK E SCORE BELOW 6 OR OVER 24, BLOCK F SCORE BELOW 5 OR OVER 20, BLOCK G SCORE BELOW 6 OR OVER 36, BLOCK H SCORE BELOW 6 OR OVER 14, OR BLOCK D IF SOLDIER DOES NOT SUPPORT ARMY'S EQUAL OPPORTUNITY PROGRAM. b. INDORSER WHO CHECKS BLOCK II B. 2. REMARKS OTHERWISE OPTIONAL.
RATER Reference will not be made to a punitive or an administrative action or an investigation which has not been processed to completion, adjudication, and final action. For additional restrictions and circumstances which preclude comments being made on the EER, refer to paragraph 8-5, AR 600-200.
INDORSER

3. Complete Part III. Except for the signature, all entries must be typed or printed in black ink. Use black ink for the signature. Make sure your authentication date is IAW AR 600-200 and the type of report being prepared.

PART III RATER AUTHENTICATION			
A. ORGANIZATION AND DUTY ASSIGNMENT Co C, 1ST BN, 26th INF APO NY 09039	PLT SGT	B. NAME AND GRADE WILLIAM COLEMAN E-7	C. DATE 5 JAN 76
		D. SIGNATURE WILLIAM COLEMAN	

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PERFORMANCE MEASURES (cont)

4. After signing the report, discuss the report with the rated soldier and counsel him concerning the report. If the report is adverse, inform the soldier of the nature of the report and tell him that the MILPO provides guidance for the submission of appeals.

5. Forward the SEER to the soldier's indorser IAW the unit rating scheme.

   Note. A special report requires a field grade officer in direct line of supervision over the rated soldier to act as reviewer.

6. See figure 1 for a completed example (rater's section only) of a Senior Enlisted Evaluation Report, DA Form 2166-5A.

REFERENCES

DA Pamphlet 623-1, Preparation of Enlisted Evaluation Reports.
AR 600-200, Enlisted Personnel Management System.

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SENIOR ENLISTED EVALUATION REPORT (AR 600-200)
For preparation, see DA Pamphlet 623-1.

C. SSN

PART I PERSONAL DATA

A. GRADE (ABBR) NAME (LAST) (FIRST) (MI) SSN: SSG RENN, ALFRED N. 000-00-0000

B. TYPE OF REPORT: INIT [ ] ANL [X] CR [ ] SP [ ] OTHER [ ] SPECIFY

D. ORGANIZATION AND STATION: Co C, 1st Bn. 26th Inf, APO NY 09039

E. PMOSC	F. DMOSC	G. SMOSC
11B30	11B30	95B30

H. PERIOD OF REPORT: BEGIN MO [ ] YR [ ] END MO [ ] YR [ ]

I. NONRATED PERIOD: NO. OF MONTHS _____ REASON CODES _____

J. DUTY POSITION TITLE: Squad Leader
AUTH PAY GR E-6

PART II. RATINGS

A. BRIEF DESCRIPTION OF DUTIES: Individual performs duties as a leader of a rifle squad composed of two fire support teams.

B. INDORSER HAS NOT OBSERVED AND CANNOT RATE SOLDIER [ ]

C. REPORT BASED ON: DAILY CONTACT [R] FREQ OBSN [ ] INFREQ OBSN [ ] REPT & REC [ ]

D. SOLDIER SUPPORTS THE ARMY'S EQUAL OPPORTUNITY PROGRAM: YES [R] NO [ ]

E. PERFORMANCE QUALITIES	RANKS WITH VERY BEST 5	SUPERIOR TO MOST 4	EXCEEDS OR MEETS DUTY REQUIREMENT 3	2	NEEDS IMPROVEMENT Some 1	Much 0	SCORE R	I
1. Anticipates requirements and actively pursues methods of improving duty performance. (Initiative)							4	
2. Is physically fit, as required, for MOS/grade during combat. (Physical Condition)							4	
3. Takes pride in high standards of dress, grooming, and military manner. (Military Bearing)							4	
4. Behavior on and off duty is in accordance with highest Army standards. (Personal Conduct)							4	
5. Is dependable and conscientious in fulfilling obligations. (Responsibility)							4	
6. Is well-informed on the scope of knowledge required for assigned duties. (Technical Competence)							4	
TOTALS							24	

F. LEADERSHIP SKILLS	RANKS WITH VERY BEST 5	SUPERIOR TO MOST 4	EXCEEDS OR MEETS DUTY REQUIREMENT 3	2	NEEDS IMPROVEMENT Some 1	Much 0	SCORE R	I
1. Is clear and to the point in conveying information and in giving directions. (Communications)							4	
2. Promotes personal and professional growth of subordinates through personal interest in their problems. (Counseling)							4	
3. Provides effective instruction (formal or informal) to improve the professional competence of subordinates. (Training)							4	
4. Selects best course of action after weighing the alternatives. (Decision Ability)							4	
5. Is fair, inspires confidence, accepts guidance, and has earned respect. (Relationship with others)							4	
TOTALS							20	

G. DEMONSTRATED OVERALL PERFORMANCE

	Ranks With Very Best	Superior to Most	Exceeds or Meets Duty Requirements	Demonstrates shortcomings: Minor	Major	SCORE
R	[ ]	[ ]	[ ]	[ ]	[ ]	30
I	40 38 [ ]	36 33 30 27 [ ]	21 20 17 14 [ ]	10 8 6 [ ]	3 1 [ ]	

H. ADVANCEMENT POTENTIAL. If I had the authority and responsibility to do so, I would: (Disregard time in grade requirements.)

	Promote Immediately	Promote Ahead of Peers	Promote With Peers	Not Promote	Deny Continued Active Duty	SCORE
R	[ ] 10 28	[ ] 26 22 18	[X] 14 10 6	7	0	14
I	[ ]	[ ]	[ ]	[ ]	[ ]	

I.

	BLK E	BLK F	BLK G	BLK H	SCORES	REPT SCORE
R	24	20	30	14	88	
I					SUM OF SCORES	

DA FORM 2166-5A 1 Jul 75

Figure 1.

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RATED SOLDIER'S LAST NAME AND SSN

PART II CONTINUED

J. CAREER DEVELOPMENT (RECOMMENDATIONS ON SCHOOLING AND ASSIGNMENTS) — RECOMMENDED FOR: CSM (E-9 & E-9) R ☐ I ☐; SG (E-7) R ☐ I ☐

K. 1. COMMENTS ARE MANDATORY TO JUSTIFY RATINGS IN PART II AS FOLLOWS.
a. BLOCK I SCORE BELOW 6 OR OVER 24, BLOCK F SCORE BELOW 5 OR OVER 20, BLOCK G SCORE BELOW 6 OR OVER 36, BLOCK H SCORE BELOW 6 OR OVER 14, OR BLOCK D IF SOLDIER DOES NOT SUPPORT ARMY'S EQUAL OPPORTUNITY PROGRAM.
b. INDORSER WHO CHECKS BLOCK II B.
2. REMARKS OTHERWISE OPTIONAL.

RATER

INDORSER

PART III RATER AUTHENTICATION

A. ORGANIZATION AND DUTY ASSIGNMENT	B. NAME AND GRADE	C. DATE
Co C, 1ST BN, 26 th INF PLT SGT APO NY 09039	WILLIAM COLEMAN E7	5 JAN 76
	D. SIGNATURE: William Coleman	

PART IV INDORSER AUTHENTICATION

A. ORGANIZATION AND DUTY ASSIGNMENT	B. NAME AND GRADE	C. DATE
	D. SIGNATURE	

PART V SOLDIER AUTHENTICATION

A. I HAVE SEEN A COPY OF THIS REPORT COMPLETE THROUGH ACTION BY THE INDORSER. I HAVE BEEN COUNSELED CONCERNING THE REPORT.	B. NAME AND GRADE	C. DATE
	D. SIGNATURE	

PART VI REVIEWER AUTHENTICATION

A. SOLDIER WAS RATED BY CORRECT RATER AND INDORSER. NO FURTHER ACTION REQUIRED ☐
MY REVIEW RESULTS IN ACTION INDICATED BY INCLOSURES. ☐

B. ORGANIZATION AND DUTY ASSIGNMENT	C. NAME AND GRADE	D. DATE
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PART VII MILPO CERTIFICATION

A. DATE REPORT ENTERED ON DA FM 2-1:	C.	D.
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Figure 1 (cont).

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ESTABLISH PRIORITIES FOR GENERAL MAINTENANCE

CONDITIONS

Given combat vehicles and equipment to be maintained; BII, crews, and a company/team maintenance section to support the maintenance; access to equipment records and PLL; company/team commander's guidance concerning maintenance; and a scheduled period for maintenance or any available time in which to perform maintenance.

STANDARDS

Ensure that combat-critical maintenance tasks receive priority in a combat situation, that preventive maintenance checks and services receive priority in garrison, and that all other maintenance tasks receive relative priority according to their impact on mission accomplishment or operational readiness.

PERFORMANCE MEASURES

1. Compile a list of the collective faults to be corrected.

2. Analyze the impact these faults will have on mission accomplishment. For each fault, ask yourself if it will hinder your ability to move, shoot, or communicate. If any of these abilities are hindered, the maintenance to correct the fault is combat-critical and must be given top priority.

3. In garrison, determine which equipment is due preventive maintenance checks and services. This is accomplished by inspecting maintenance records for that equipment. Preventive maintenance must include the operator/crew level maintenance prescribed in the operator/crew manual for the equipment (see Task Summary 171-132-3001, Supervise Operator/Crew Maintenance). This maintenance should receive priority in garrison.

4. After identifying top priority maintenance, determine the priority of the remaining maintenance tasks in order of relative impact on mission accomplishment or operational readiness. This is largely dependent on the situation. For example, during combat operations, the replacement of a broken number three torsion bar on a tank would receive relatively low priority since the platoon's combat effectiveness would not be seriously impaired.

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PERFORMANCE MEASURES (cont)

However, the same task in garrison would probably receive a much higher priority to ensure the operational readiness of the unit.

5. Determine available resources: time, personnel, tools, and parts or materials for field expedient repairs. The ability to perform maintenance tasks in order of priority will be largely dependent upon resources available. For example, during consolidation and on the objective (see Task Summary 171-140-4011, Direct Consolidation and Reorganization on the Objective), you may have only one crew member per vehicle available for maintenance. Other crew members will be occupied with other requirements such as local security and feeding operations. Your company/team trains may be 5 km or more behind you; thus, you will have few, if any, special tools, parts, or personnel with mechanical expertise. In this situation, your resources are limited and will limit your maintenance priorities to simple operator/crew maintenance.

6. Determine whether maintenance tasks can be performed at your level of maintenance. If not, coordinate with the company/team maintenance section for assistance. (See situation in performance measure 5 above.) This may require you to leave disabled equipment at its breakdown site while you continue the mission. Ensure that the company/team commander and maintenance section sergeant have accurate information concerning the location of disabled equipment.

7. Coordinate your established priorities with your company/team commander when possible to ensure that your priorities support and can be incorporated into his maintenance priorities for the company/team as a whole.

REFERENCES

None.

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CONDUCT A ROUTE RECONNAISSANCE

CONDITIONS

Given a TOE cavalry platoon with assigned weapons and equipment, a topographic map (1:50,000), a protractor, and a bridge classification card.

STANDARDS

Conduct a route reconnaissance of a specific route and all adjacent terrain from where the enemy can influence movement along the route. Report your findings with a route overlay in a specified amount of time.

PERFORMANCE MEASURES

1. Conduct a map reconnaissance (see Task Summary 171-121-3001, Conduct a Map Reconnaissance).

   a. Identify the route to be reconnoitered: its lateral boundaries, the line of departure, and the objective.
   b. Determine phase lines and check points as control measures.
   c. Determine all terrain features that dominate movement along the route.
   d. Determine other avenues of approach into the reconnaissance area.

2. Divide the platoon into two teams.

   Note. Three-team, tank consolidated organization can be used when the tanks can provide overwatch fires over the route or when overcoming an obstacle.

   a. Assign one team to reconnoiter the left flank.
   b. Assign one team to reconnoiter the right flank.
   c. Assign the scouts of one team to reconnoiter the actual route.
   d. Move with the team that allows you to oversee and command the operation.

3. Move toward the objective.

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PERFORMANCE MEASURES (cont)

a. Order teams to move to their respective sectors of responsibility.
b. Control the movement of the platoon by overwatch.
c. Ensure teams collect and report to you the following information:

(1) Width, slope and composition of the roadway.
(2) Class of bridges.
(3) Clearance of overhead obstacles.
(4) Location of fords and by-passes.
(5) Depth and velocity of streams.
(6) Location of minefields.
(7) Enemy positions.
(8) Natural or man-made obstacles.

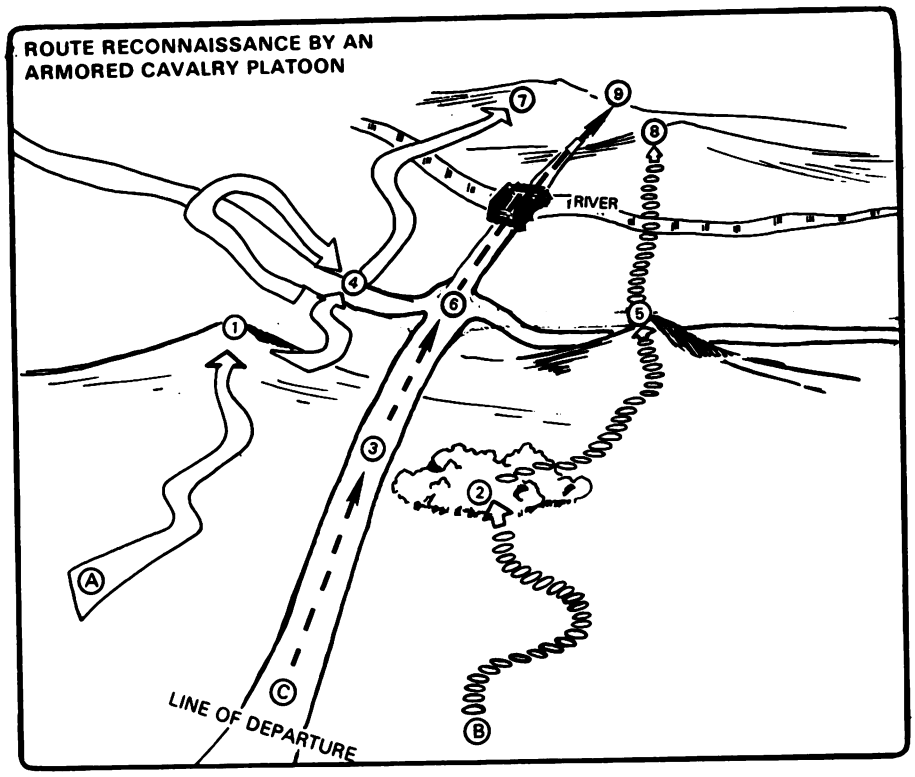

Figure 1.

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PERFORMANCE MEASURES (cont)

d. Report all information gathered by the platoon reconnaissance teams along with passage of phase lines, check points, and control points to the troop/team commander as soon as possible.

EXAMPLE:

1. As you cross the line of departure (fig 1), send Team A to reconnoiter the high ground at position 1.

2. Send Team B to reconnoiter the woods at position 2.

3. Send the scouts reconnoitering the actual route to the flanks of the route.

4. Teams A and B use overwatch to increase security and remain in position, while the scouts reconnoitering the route move to position 3 and report their findings to the platoon leader.

5. Move Team A forward to reconnoiter the lateral route at position 4. The tanks in Team A will provide overwatch for the scouts from position 1. Upon completing reconnaissance, the scouts return to position 4.

6. Team B reconnoiters the high ground at position 5 and remains in place while the scouts checking the route move to position 6.

7. Move the scouts in Teams A and B forward to look for fords, cross the stream, and reconnoiter the highground at positions 7 and 8. Have each team send one vehicle back to the bridge to provide security.

8. Move into a three-team, tank consolidated organization to clear the bridge. Have the tanks consolidate at the high ground at position 6 to provide overwatch while the bridge is being cleared.

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PERFORMANCE MEASURES (cont)

9. Dismount personnel from the platoon leader's vehicle with a mine detector as well as the security personnel to check the bridge and approaches while being overwatched by the tanks. Once the reconnaissance of the bridge and approach has been completed, one tank must cross the bridge to make sure the bridge is capable of safely sustaining its weight. The remainder of the platoon must then cross the river and reform into the two-team organization and continue the route reconnaissance.

4. Prepare a route overlay (see Task Summary 171-121-3003, Prepare a Map Overlay) and submit it to the team/troop commander.

REFERENCES

FM 17-95, Cavalry, pp 5-17 thru 5-24.

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PREPARE AND ISSUE AN ORAL OPERATION ORDER (OPORD)

CONDITIONS

In a field environment, as a platoon sergeant/platoon leader, having received the unit commander's oral operation order and map overlay, given a tank or cavalry platoon, pencil, paper, and a map of the operational area.

STANDARDS

1. Within the time allotted, develop a clear and concise order and issue it to your subordinate leaders. The order must be issued so that all subordinate leaders understand their missions and any specific coordinating instructions.

2. The order should follow the standard 5-paragraph field operation order.

PERFORMANCE MEASURES

1. Receiving an operation order. The most important part of receiving an order is a clear understanding of what your unit has to accomplish in relation to the ground and to the other platoons. Unless you know exactly what you are supposed to do, what the other units are doing, and where and when these actions are to be done, your chances of success are greatly reduced. After hearing the entire order, don't leave until all of your questions have been answered.

   Think through the order. As soon as your receive the order and understand the leader's plan, take a few minutes to go over the notes you took. As you think about the order, answer these questions.

   What mission(s) did I receive?

   How much do I know about the enemy?

   How does the terrain and weather influence the operation?

   What supplies or equipment do I need? Do I need to assign special tasks to anyone?

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PERFORMANCE MEASURES (cont)

a. Mission.

In analyzing your mission, identify exactly what your unit is to accomplish. Be sure you know how much time you have to prepare. Make sure you are aware of any restrictions or special tasks that apply to your platoon.

A thorough understanding of the mission will allow you to establish a time schedule for your preparation. You will be told what time the operation is to begin and what time your unit must be ready to go. This allows you to allocate time to prepare for the mission. Identify the things that must be done to get ready and, working backwards from the "ready" time, allow your men time to accomplish each task. This technique is called the reverse planning sequence. Here is how it might work for a platoon leader:

1420:	Company commander said to be ready.
1415:	Inspect assembly area.
1400:	Inspect platoon.
1315:	Issue order to platoon.
1300:	Finalize platoon order.
1200:	Reconnoiter with company commander/ receive order.
1100:	Issue warning order to platoon.
1040:	Receive company warning order.

b. Enemy.

Develop the best picture of exactly where the enemy is located, what his strength is, and what kind of weapons and equipment he has. Tell your men as much as you know about how to destroy or suppress the kind of enemy you are likely to meet.

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PERFORMANCE MEASURES (cont)

Sometimes the enemy in a certain area will use the same pattern over and over. For example, if you know that the enemy habitually ambushes in the vicinity of trail junctions, make sure all of your men know about it.

c. Terrain and weather.

Most decisions pertaining to route, objective, sectors of fire, positioning of key weapons, movement techniques, etc., are made by the platoon leader. However, both the company commander and the platoon leaders must study every bit of ground if they are to properly employ their men and equipment and gain an advantage over the enemy. Proper use of terrain will:

Provide cover and concealment before, during, and after the battle.

Increase the effectiveness of your fire.

Decrease the effectiveness of the enemy's weapons.

You must also understand how weather can influence your men. Cold, heat, rain, or snow can create problems if you don't prepare your platoon properly.

d. Supplies, equipment, and special tasks.

Look at your unit in light of the mission you are to accomplish. If you have been given a task that requires a special skill, such as setting demolitions to blow a building, do you know how to do it? Do you have the right kind of weapons, equipment, and supplies? If you feel you need help, or if you need something you don't have, tell your leader/commander.

2. Issuing an operation order.

After you have received an operation order, thought it through, and prepared your own order, you must issue that order. Whenever possible, platoon leaders should issue their orders from a position that allows the subordinate leaders to see the ground on which they are going to operate.

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PERFORMANCE MEASURES (cont)

Subordinate leaders should also try to issue their orders from vantage points that overlook the terrain. However, many times this will not be possible, and they will have to sketch the terrain on the ground. Terrain models are easy to construct and allow the leader to associate his order and terrain features so that each man will have an idea of what to expect once he gets on the actual terrain.

Figure 1.

The operation order. An operation order is nothing more than the presentation of the information and instructions needed to accomplish a specific mission. The amount of detailed information included in your operation order depends on the information you received and the time you have to prepare.

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PERFORMANCE MEASURES (cont)

OPERATION ORDER

(Explanation)

1. Situation: This paragraph contains all available information concerning the enemy and friendly situations.
   a. Enemy forces: Any available information such as strengths, weaknesses, probable courses of action, weather, and terrain.
   b. Friendly forces: All availabe information concerning the missions of next higher and adjacent forces.
   c. Attachments and detachments: Information concerning any units that have been attached to or detached from the platoon.
2. Mission: A clear, concise statement of the task that must be accomplished by the platoon.
3. Execution: Contains the mission for each section and attached element (if any). This paragraph also contains any special instructions that apply to a specific section or to the platoon as a whole, and the plan for fire support.
4. Service support: Administrative details to include ammunition supply, ration resupply, and the evacuation of casualties.
5. Command and signal: Communications instructions to include visual signals, radio frequencies and call signs, and the platoon leader and company commander's location during the operation.

* * * * * *

In preparing your platoon order, look for those items in the company order which you must alter to fit the platoon's mission. For example, if paragraphs 2 and 3 of the company order are given as:

"2. Mission: Company A attacks 240600 May to seize Hill 492 and Hill 475 and continues the attack, on order, to seize Hill 510."

"3. Execution: 2d platoon makes the main attack on the right to seize Objective 1 and, on order, Objective 3...."

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PERFORMANCE MEASURES (cont)

As 2d platoon leader (acting), you might alter your paragraphs 2 and 3 as follows:

"2. Mission: 2d platoon attacks 240600 May to seize Hill 492 and, on order, Hill 475."

"3. Execution: From the LD to the FCL we will utilize bounding overwatch. Heavy Team, you will overwatch initially, and light team will bound. Heavy Team, at the FCL you link up with 3d platoon on the right. Light team, you link up with the First Platoon on the left. Movement from the FCL will be on my command. Heavy Team, after consolidation, you...."

Paragraph 1 should contain the mission of the company which was stated in paragraph 2 of the company operation order. Paragraphs 4 and 5 will be similar to paragraphs 4 and 5 of the company order, but narrowed down to apply only to your platoon. For example, if paragraph 4 of the company order gives you the location of the battalion field trains, your platoon order will probably not contain that information because it does not directly affect your squads. Your responsibility as a platoon sergeant/ acting platoon leader is to give your men the information that pertains to them. The five-paragraph order format should be used as a checklist to avoid omitting important information. It is not all inclusive, however, and may be modified as necessary.

REFERENCES

FM 7-7, The Mechanized Infantry Platoon and Squad, chap 2, sec II, pp 2-11 thru 2-18.
FM 7-8, The Light Infantry Platoon and Squad (to be published).
FM 71-2, The Tank and Mechanized Infantry Battalion Task Force, app B, pp B-6 thru B-10.

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CONDUCT A ZONE RECONNAISSANCE

CONDITIONS

Given TOE cavalry platoon with assigned weapons and equipment, a topographic map (1:50,000), a protractor, and GTA 5-7-7, Bridge Classification Card.

STANDARDS

Conduct a zone reconnaissance mission to obtain detailed information of enemy forces, natural and man-made obstacles, road and trails, and a suitable route of advance for the main body in the time prescribed.

PERFORMANCE MEASURES

1. Conduct a map reconnaissance (see Task Summary 171-121-3001, Conduct a Map Reconnaissance).

    a. Identify the zone to be reconnoitered, its lateral boundaries, and the objective.

    b. Identify phase lines, check points and control points as control measures.

    c. Identify all routes in the zone.

    d. Identify all terrain features in the zone that dominate the zone, provide cover or concealment for the enemy, or provide avenues of approach into the zone.

2. Divide the platoon into teams that, as a minimum:

    a. Reconnoiter the left flank.

    b. Reconnoiter the right flank.

    c. Reconnoiter the area between the flanks.

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PERFORMANCE MEASURES (cont)

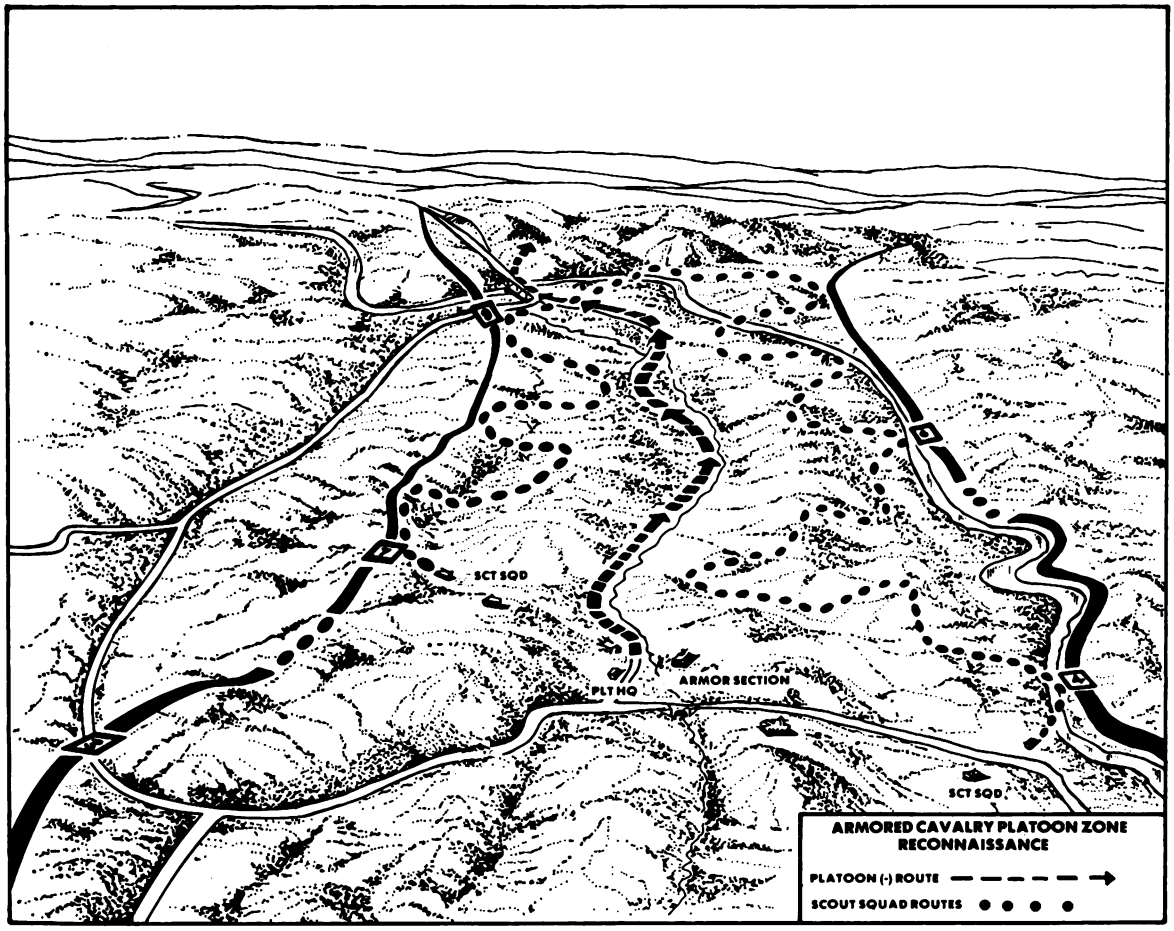

Figure 1. Armored Cavalry Platoon Conducting Zone Reconnaissance.

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PERFORMANCE MEASURES (cont)

d. Move with the team that allows you to oversee and command the operation.

3. Move toward the objective.

a. Order the teams to move to their respective sectors of responsibility.

b. Control the movement of the platoon toward the objective by overwatch.

c. Have teams collect and report to you:

(1) Class of bridges.
(2) Location of fords and bypasses.
(3) Clearance of overhead obstacles (bridges, tunnels, tree limbs).
(4) Width, slope, and composition of roadways.
(5) Depth and velocity of streams.
(6) Location of minefields.
(7) Good locations to emplace friendly obstacles.
(8) Enemy contacts.
(9) Natural or man-made obstacles.

d. Report all information gathered by the platoon reconnaissance teams along with passage of phase lines, checkpoints, and control points to the troop/team commander as quickly as possible.

4. Bypass enemy forces, obstacles, or minefields only on order. A platoon zone reconnaissance is essentially a movement to contact.

REFERENCES

FM 5-36, Route Reconnaissance and Classification.
FM 17-95, Cavalry, pp 5-22 thru 5-33.
GTA 5-7-7, Bridge Classification Card.
GTA 5-10-28, Demolition Card.

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CONDUCT AN AREA RECONNAISSANCE

CONDITIONS

Given a TOE cavalry platoon with weapons and equipment, a topographic map (1:50,000), a protractor, and GTA 5-7-7, Bridge Classification Card.

STANDARDS

Conduct an area reconnaissance mission to obtain information concerning a specified area that may be critical to the unit's operation.

PERFORMANCE MEASURES

1. Conduct a map reconnaissance (see Task Summary 171-121-3001, Conduct a Map Reconnaissance).

    a. Identify the specific area to be reconnoitered and its boundaries.

    b. Identify phase lines, checkpoints, and control points as control measures.

    c. Identify all terrain features that dominate that area.

    d. Identify all avenues of approach into the area (fig 1).

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PERFORMANCE MEASURES (cont)

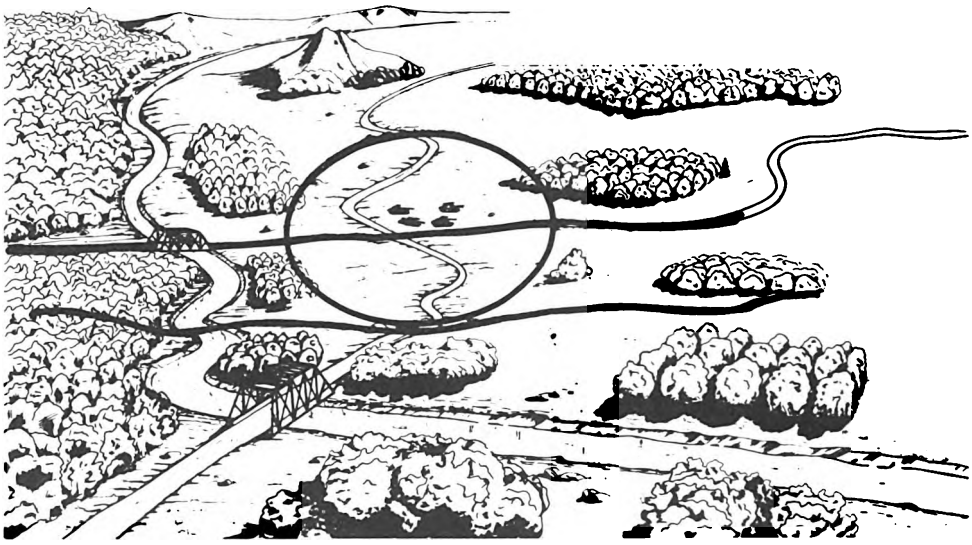

Figure 1.

The specific area to be reconnoitered is designated by a boundary line completely enclosing the area. The town, road junction, and controlling terrain must be thoroughly reconnoitered as in a zone reconnaissance (see Task Summary 171-121-3007, Conduct a Zone Reconnaissance).

2. Conduct a route reconnaissance to the area to be reconnoitered (see Task Summary 171-121-3006, Conduct a Route Reconnaissance).

3. Conduct a Zone Reconnaissance of the area to be reconnoitered (see Task Summary 171-121-3007, Conduct a Zone Reconnaissance).

4. Bypass enemy forces, obstacles, or minefields only on order.

5. When returning to the friendly area, control movement of the platoon by bounding overwatch.

REFERENCES

FM 5-36, Route Reconnaissance and Classification.
FM 17-95, Cavalry, pp 5-34 thru 5-40.
GTA 5-7-7, Bridge Classification Card.
GTA 5-10-28, Demolition Card.

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CONDUCT PLATOON SECURITY MISSIONS

CONDITIONS

Given an armored cavalry platoon with personnel, combat vehicles, and equipment, and a topographic map of the area of operation.

STANDARDS

During a security mission, you must align your platoon along the same axis as the main body, perform continuous reconnaissance to provide early and accurate warning to the main body, position your platoon between the enemy and the main body, and maintain enemy contact once it is gained.

PERFORMANCE MEASURES

1. Conduct platoon screening operations.

    a. Provide a screen for a stationary force.

        (1) Determine the general location of screen lines and OPs from your troop commander.
        (2) Determine specific OP locations.
        (3) Organize your platoon into four teams:

            (a) Direct your tanks to locate to the rear of OPs in an overwatch position.
            (b) Direct your scouts to occupy the OPs (see Task Summary 171-121-1007, Select and Operate an Observation Post).

        (4) Establish patrols in areas between OPs which cannot be observed from an OP.
        (5) Make sure OPs and patrols know when and what to report (see Task Summary 171-121-1004, Prepare/Submit a Spot Report).
        (6) Direct OPs and patrols to call for and adjust indirect fire on enemy targets (see Task Summary 171-140-1021, Call For and Adjust Indirect Fire).

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PERFORMANCE MEASURES (cont)

(7) Direct your platoon to withdraw to the next rear screen line when enemy pressure becomes too great to withstand, providing permission has been obtained from your troop commander.

(a) Call for indirect fire and smoke to make the withdrawal.
(b) Direct your tanks to cover the withdrawal of the scouts from OPs.
(c) Make sure the entire platoon moves quickly using cover and concealment to establish new OPs at the successive screen line.
(d) Make sure that during withdrawal, contact with the enemy is maintained. This may be accomplished by leaving the light armor in position while the scouts move to occupy new OPs.

b. Provide a screen for a moving force.

(1) To provide a flank screen, establish a line of OPs parallel to the axis of advance of the main body and direct the occupation of each in turn as the main body advances.
(2) To screen forward of a moving force, direct your platoon to conduct a zone or route reconnaissance along the axis of advance for the main body (see Task Summaries 171-121-3006, Conduct a Route Reconnaissance; and 171-121-3007, Conduct a Zone Reconnaissance). When the platoon encounters enemy main force elements, direct the platoon to cease forward movement and begin screening operations as for a stationary force (see performance measure 1a above).
(3) To screen the rear of a moving force, direct the platoon to use the same techniques as for an advance guard operation.

2. Conduct platoon guard operations.

a. Direct your platoon to participate in advance guard operations as part of a larger force. Accomplish this by conducting a route or zone reconnaissance depending on the width of axis of advance (see Task Summaries 171-121-3006, Conduct a Route Reconnaissance; and 171-121-3007, Conduct a Zone Reconnaissance).

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PERFORMANCE MEASURES (cont)

(1) When providing advance guard for a stationary force, defend to gain time for main body reaction, and destroy the enemy when possible.
(2) As advance guard for a moving force, deploy and advance along a specific route or axis of advance. Attack when meeting enemy resistance in order to prevent premature deployment or unnecessary halting of the main body.

b. Direct your platoon to participate in flank guard operations as part of a larger force.

(1) Occupy a line of battle positions parallel to the main body's axis of advance. Advance through battle positions as the main body advances.
(2) Direct elements of your platoon to reconnoiter and clear the area between the main body and your route of advance through the battle positions.
(3) Make sure contact is maintained with the main body.
(4) Direct your platoon to participate in movement to contact and attack as necessary to guard the flank of the main body.
(5) Defend any or all battle positions on order.

c. Direct your platoon to participate in rear guard operations as part of a larger force. This is accomplished by defending battle positions established by higher headquarters at the rear of either a stationary or moving main body force.

3. Conduct platoon cover operations. Since a covering force must be able to operate independently for long periods, the covering force is normally no smaller than a reinforced regiment. Your actions at platoon level will be to conduct zone reconnaissance (see Task Summary 171-121-3007), screen operations (performance measure 1 above), and guard operations (performance measure 2 above), as directed by higher headquarters.

REFERENCES

FM 17-95, Cavalry, pp 6-1 thru 6-35.

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DIRECT FIRE AND MANEUVER OF A PLATOON AGAINST AN ENEMY POSITION

CONDITIONS

Given a platoon of combat vehicles, crew, BII, a tactical situation requiring fire and maneuver against an enemy position, and a map of the area of operation.

STANDARDS

When an enemy position is identified, immediately direct the platoon to deploy, return fire, and seek cover and concealment. Report enemy contact and develop the situation by taking action to learn more about the enemy being engaged. Choose a course of action, report to the unit commander, and carry out the chosen course of action.

PERFORMANCE MEASURES

1. Identify the enemy position. This may be the sighting of enemy vehicles, personnel, equipment, or activity, a previously identified known position, or the result of receiving enemy fire (see Task Summary 171-121-1008, Acquire Targets).

2. Direct the overwatching element to place suppressive fire on the enemy position (see Task Summary 171-140-2006, React to Direct/ Indirect Fire as a Vehicle Commander).

3. Deploy the bounding/maneuvering element to the best covered and concealed positions while directing it to return fire on the enemy position.

4. Report enemy contact to the unit commander. This initial report will normally be extremely brief unless the situation provides time for more detailed information. EXAMPLE: "D06--THIS IS B14--CONTACT--OUT!"

5. Develop the situation to determine the enemy's strength, composition and disposition. This may be accomplished by visual reconnaissance, reconnaissance by fire, analysis of the type and direction of fire being received, and employment of your knowledge of Threat doctrine. For example, your platoon is receiving fire from a single light antitank weapon in a wood line. Although you

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PERFORMANCE MEASURES (cont)

cannot see other weapons, you know that the enemy normally employs AT weapons in depth. Therefore, you can expect to encounter other AT weapons as you fire and maneuver against the one known position.

6. Choose a course of action based on your analysis of the situation. Possible courses of action include:

   a. Request artillery, mortars, or tactical air support, individually or in any combination required to suppress or destroy the enemy.

   b. Request additional support.

   c. Provide suppressive fire until the team or larger force can maneuver on the position or bypass the position if a bypass is considered appropriate.

   d. Utilizing your own assets, fire and maneuver to destroy the enemy. This is conducted much like bounding overwatch (see Task Summary 171-140-4016, Conduct Platoon Techniques of Movement), except that the overwatch element delivers suppressive fires while the maneuver element engages exposed targets.

7. Report the situation to the unit commander, giving him specific information concerning the location of the enemy; his strength, composition, and disposition. Advise the unit commander of your actions and intended actions to suppress or destroy the enemy, and request any support necessary to complete those actions (see Task Summary 071-331-0803, Collect/Report Information Salute (Spot Report).

8. Execute the chosen course of action, report the results to the unit commander, and continue the mission.

REFERENCES

FM 17-95 Cavalry, chap 5, pp 5-2 thru 5-4, 5-42, and 5-42; chap 6, p 6-36.
FM 71-1, Tank and Mechanized Infantry Company Team, chap 4, pp 4-41 thru 4-53; chap 7.

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PREPARE A PLATOON FIRE PLAN

CONDITIONS

Given a map, paper, range cards, platoon, commander, and an assigned platoon defensive position within a company/team defensive position.

STANDARDS

Within 30 minutes, prepare a platoon fire plan which includes:

1. A legend stating which tanks can fire and/or illuminate each target reference point (TRP).
2. Sectors of fire.
3. Target reference points.
4. Indirect fire targets plotted in the platoon sector.

PERFORMANCE MEASURES

1. Assign vehicle positions and sectors of fire.
2. Coordinate with units on both flanks to provide overlapping fires.
3. Designate platoon target reference points to the vehicle commanders.
4. Receive target information from vehicle commanders (normally provided from individual vehicle range cards).
5. Analyze target information and provide the company team commander with recommendations for indirect-fire targets.
6. Plot target reference points and indirect-fire targets designated by the company commander within the platoon sector.

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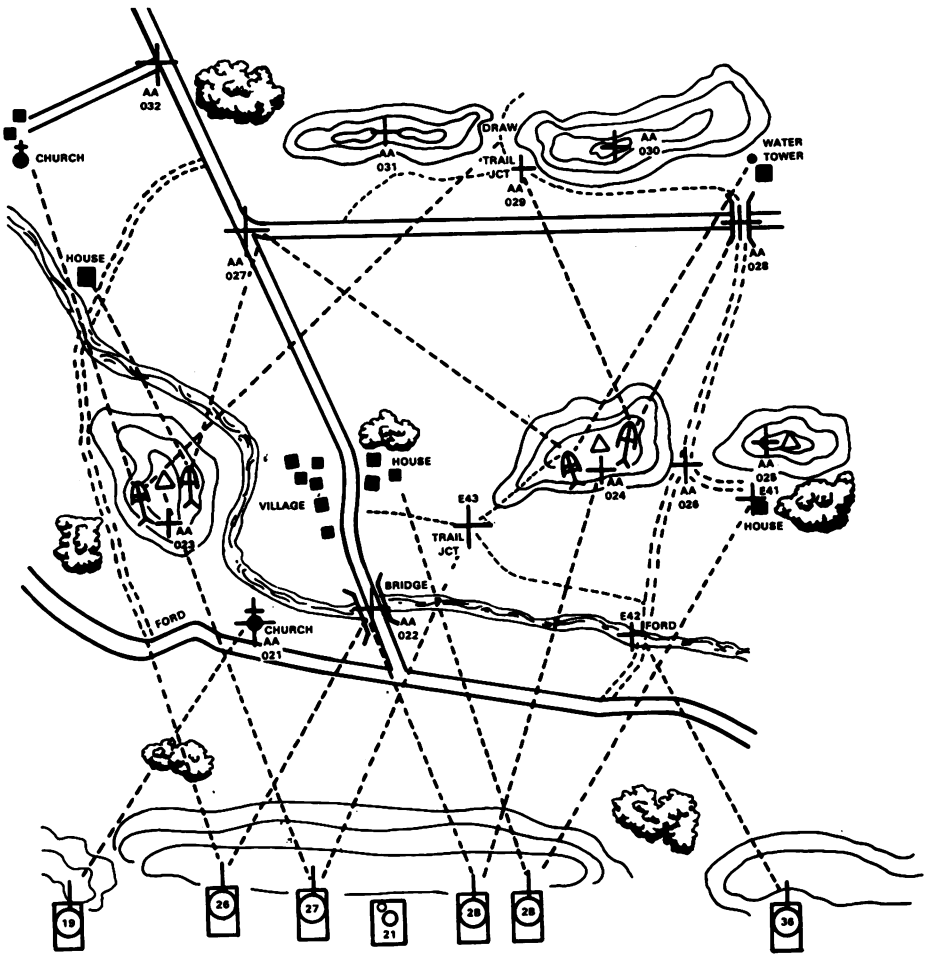
PERFORMANCE MEASURES (cont)

7. Distribute the platoon fire plan (fig 1) to vehicle commanders and the company team commander.



EXAMPLE OF AN ARMORED CAVALRY PLATOON FIRE PLAN

Figure 1.

TARGET	TANKS ABLE TO FIRE	TANKS ABLE TO ILLUMINATE	
		WL	RL
TRP E41	29, 28	27	27
TRP E42	29, 28, 27	28	28
TRP E43	28, 27, 26	27	27

= TOW ANTI-TANK
= DRAGOON ANTI-TANK
+E41 = TARGET REFERENCE POINT
28 = TANK POSITION
AA 026 = INDIRECT FIRE

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REFERENCES

FM 17-12, Tank Gunnery, para 15-3, pp 15-1 thru 15-4.
FM 71-1, Tank and Mechanized Infantry Company Team, app D, p D-4.

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DIRECT PLATOON FIRES

CONDITIONS

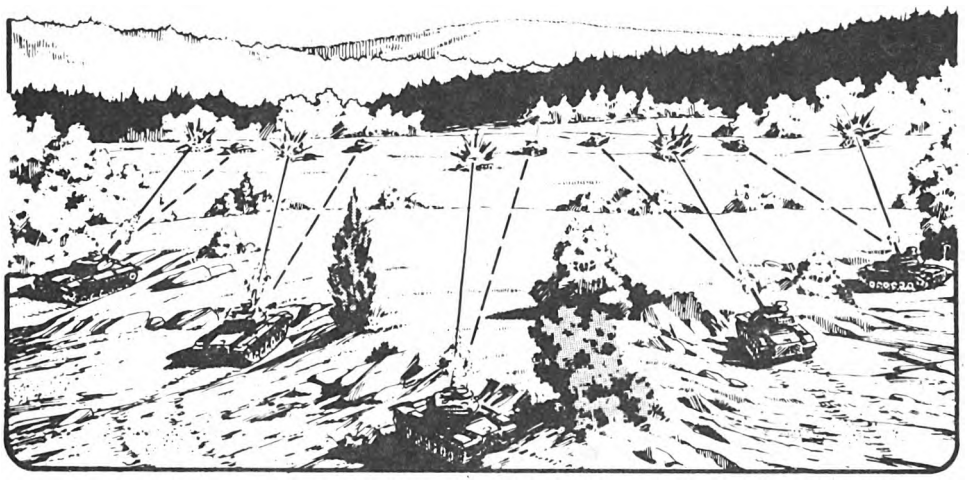
Given a platoon with equipment and personnel, a platoon fire plan, and a situation where you will have to engage targets using a platoon fire command.

STANDARDS

Within 20 seconds, determine which fire pattern the situation requires and issue a clear and concise fire command.

PERFORMANCE MEASURES

1. Analyze the situation and select one of the three basic fire patterns (see figs 1 thru 3).



Use when Threat targets are moved or dispersed laterally in relation to the platoon and all friendly tanks are firing to the front. Each tank engages a target directly to its front. Flank tanks engage flank targets. When targets are destroyed, fires are shifted toward the center of the enemy formation.

Figure 1. Frontal fire.

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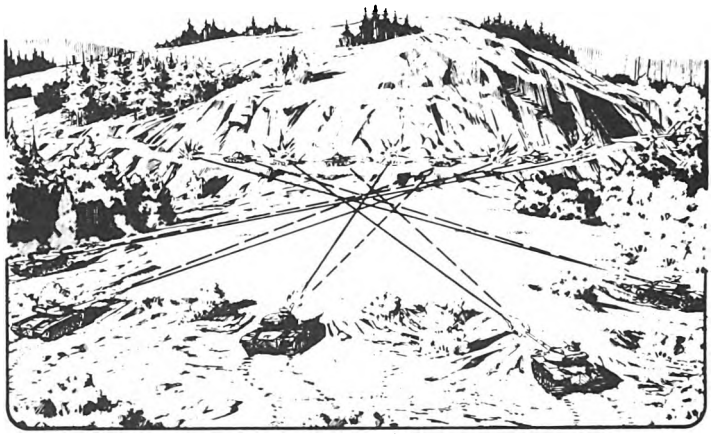
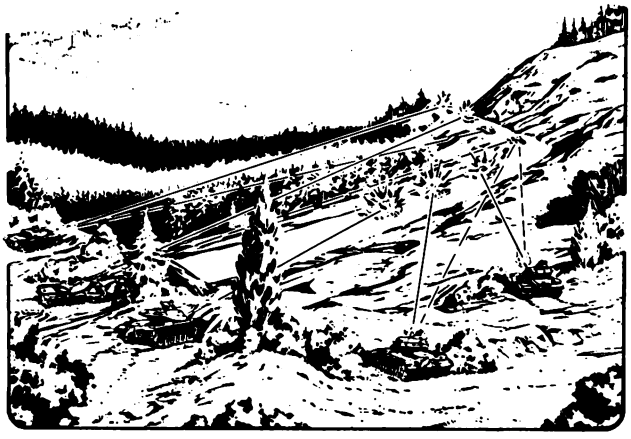
PERFORMANCE MEASURES (cont)



Use when targets are exposed laterally but obstructions prevent all tanks from firing to the front. Each friendly tank engages a target diagonal to its position. Flank tanks engage opposite flank targets. When targets are destroyed, fires are shifted to the center of the enemy formation.

Figure 2. Crossfire.



Use when targets are exposed in depth. The center tank engages the first target of the Threat formation. Tanks to the right of center engage the nearest targets. Tanks to the left of center engage the farthest targets.

Figure 3. Depth fire.

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PERFORMANCE MEASURES (cont)

2. Issue a platoon fire command to engage and destroy/neutralize a target (fig 4).

   a. Alert.
   b. Weapon, ammunition, or searchlight (optional).
   c. Description.
   d. Location.
   e. Control (optional).
   f. Execution.

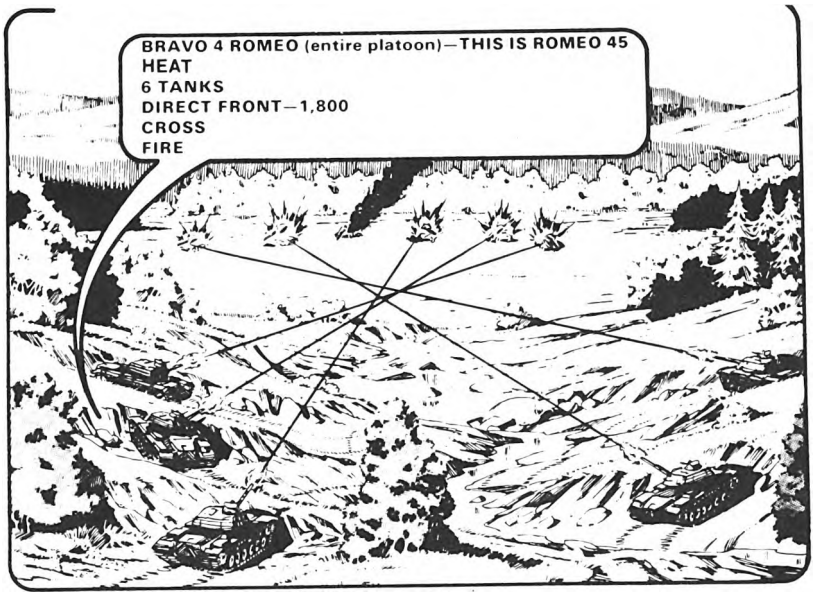

Figure 4.

REFERENCES

FM 17-12, Tank Gunnery, pp 15-5 thru 15-13.

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DIRECT ASSEMBLY AREA ACTIVITIES

CONDITIONS

Given a platoon with personnel and equipment, a situation in which you must occupy a sector of a larger force assembly area, and a map covering the area of operations.

STANDARDS

1. Vehicles must occupy designated positions covering all avenues of approach into your sector of the assembly area. These positions must also provide vehicle dispersion and mutual support, and take advantage of available cover and concealment.

2. Within 30 minutes, you must:

   a. Establish local security.
   b. Coordinate overlapping fires.
   c. Prepare a platoon fire plan.
   d. Coordinate with flank units.
   e. Submit a platoon fire plan to the company/team commander.
   f. Prepare and transmit a platoon status report to the company/team commander.

3. Within 30 minutes, you must:

   a. Construct and/or improve individual and vehicle positions.
   b. Initiate equipment maintenance.
   c. Provide wire communications between vehicle/individual positions and company/team CP, if required.
   d. Establish procedures to feed all platoon personnel and provide as much time as possible for crews to rest.

4. Within 30 minutes after receiving an operation order from the company/team commander, prepare and deliver an oral operation order to your vehicle commanders.

5. Clear the assembly area within 30 minutes after receiving an order to move out.

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PERFORMANCE MEASURES

1. Position vehicles with dispersion throughout your sector of the assembly area to cover all avenues of approach into that sector.

2. Establish local security as vehicles are positioned. Position OPs and/or weapon systems to overwatch the movement of vehicles into positions and then immediately position OPs and/or guards to observe the avenues of approach into your sector.

3. Coordinate overlapping fires by assigning each vehicle a sector of fire and observation. This provides mutual support of vehicle positions.

4. Prepare a platoon fire plan from range cards made by each vehicle commander (see Task Summary 171-140-4008, Prepare a Platoon Fire Plan).

5. Coordinate with units on your flanks so that the flanking units fire plans and supporting fires are interlocking and mutually supporting.

6. Submit a platoon fire plan to the company/team commander for preparation of a company/team fire plan.

7. Make sure the construction of individual positions for OPs is initiated (see Task Summary 071-326-5705, Establish an Observation Post (OP)).

8. Make sure camouflage procedures are initiated by vehicle crews to prevent detection from ground and air observation (see Task Summary 051-191-1362, Camouflage/Conceal Equipment).

9. Receive status reports from each vehicle commander.

10. Prepare and submit platoon status report to company/team commander. This report must reflect those matters which affect the platoon's ability to continue the mission, such as personnel, casualties, fuel, ammunition, and maintenance support requirements.

11. Make sure equipment maintenance, is performed (see Task Summary 171-132-3001, Supervise Operator/Crew Maintenance).

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PERFORMANCE MEASURES (cont)

12. Make sure a platoon "hot loop" wire communication system is installed which includes OPs. Make sure a wire communication system is also installed between the platoon position and the company/team CP (see Task Summary 113-588-1064, Install and Operate Hot Loop Wire Communication).

13. Establish feeding procedures and make sure crews get as much rest as possible.

14. Receive an operation order from your company/team commander.

15. Prepare and deliver an oral operation order to your vehicle commanders (see Task Summary 071-326-5626, Prepare and Issue an Oral Operation Order (OPORD)).

16. Make sure the following actions are accomplished before stand-to:

    a. Personnel, equipment, and ammunition is accounted for and accountability reported to the company/team commander.
    b. Police call of platoon's area is conducted.
    c. Communication wire and equipment are retrieved and stowed in platoon vehicles.
    d. A radio net is entered and a radio check obtained with platoon vehicle and net control station (NCS) (see Task Summary 113-571-1007, Establish a Radio Net).
    e. All personnel are mounted in vehicles and prepared to move out on order.

REFERENCES

FM 71-1, The Tank and Mechanized Infantry Company Team, app J.
FM 17-95, Cavalry, app C, pp C-20 and C-21.

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DIRECT CONSOLIDATION AND REORGANIZATION ON THE OBJECTIVE

CONDITIONS

Given a platoon of combat vehicles with crews and BII that has just participated as part of a larger force in a successful assault on an objective.

STANDARDS

1. Within 15 minutes after the conclusion of the assault, you must have completed consolidation on the objective by ensuring that the objective is cleared of all enemy elements, local security is established as vehicles are positioned to defend the objective, and vehicles are oriented in the direction from which a counter-attack is expected. Assign sectors of fire and observation to each vehicle ensuring overlapping fire and coverage of all avenues of approach. Direct that vehicle and OP positions be improved and that each vehicle crew prepare to continue the attack.

2. You must have completed reorganization of your platoon in order to maintain its combat effectiveness by reporting status of personnel, ammunition, fuel, and vehicles; redistributing ammunition, supplies and equipment; evacuating any PWs and unserviceable equipment; and performing maintenance checks and emergency repairs.

PERFORMANCE MEASURES

1. Direct consolidation on the objective.

    a. Ensure that the objective is cleared of all enemy elements. This may require that you dismount some of your personnel and sweep across the objective on foot; however, this should not be necessary if you sweep over the objective during the assault.

    b. Establish local security as vehicles are positioned by posting OPs and guards.

    c. Direct vehicle commanders to position their vehicles with weapons oriented in the direction from which a counterattack can be expected. These positions need not be on the

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PERFORMANCE MEASURES (cont)

objective but must be situated so that the objective can be defended by covering all likely enemy avenues of approach into your sector.

d. Designate sectors of fire and observation to each vehicle commander to establish overlapping fires.

e. Ensure that improvements are initiated immediately to all vehicle and OP positions.

f. Direct that all personnel remain near their vehicles so that the platoon can continue the attack on order.

2. Direct reorganization of your platoon.

a. Prepare and transmit a status report to your company/team commander. This report must include personnel casualties, ammunition expenditure, fuel and supply requirements, and maintenance support required to return vehicles and weapons to readiness.

b. Direct redistribution of ammunition, personnel, and equipment in order to ensure that as many of your vehicles as possible can continue the mission.

c. Direct the evacuation of vehicles, personnel, and equipment that cannot continue the mission.

d. Direct the evacuation of PWs and captured enemy documents and materiel (see Task Summaries 171-376-1016, Prepare Known or Suspected Enemy Personnel For Processing; 171-337-1017, Prepare Captured Documents and Materiel for Processing).

e. Supervise maintenance and emergency repairs (see Task Summary 171-132-3001, Supervise Operator/Crew Maintenance).

f. Perform a radio check with all platoon vehicles and the company/team net control station (see Task Summary 113-571-1005, Send or Receive a Radio/Telephone Message).

REFERENCES

FM 71-1, The Tank and Mechanized Infantry Company/Team, p 4-72.

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COORDINATE PASSAGE OF LINES

CONDITIONS

In a tactical situation, given a 1:50,000 topographic map, a frag order to conduct a passage of lines and a representative from a friendly unit for coordination.

STANDARDS

1. As a minimum you must determine the following during your reconnaissance:

   a. The disposition of the stationary force.
   b. Contact points.
   c. Passage lanes.
   d. Attack position or assembly area as appropriate.
   e. Initial location for combat support and combat service support elements.

2. After reconnaissance, you must coordinate the following with the platoon sergeant from the friendly unit:

   a. Time of transfer of responsibility.
   b. Traffic control.
   c. Communications.
   d. Supporting fires.
   e. Combat service support.

PERFORMANCE MEASURES

1. Reconnoiter the area where the passage of lines is to take place. Whether your force is the stationary or passing force and regardless of direction of movement of the passing force, determine:

   a. The disposition of the stationary force through which the moving force will pass. For example, in figure 1 there is a tank platoon at the road junction vicinity 981824, a tank platoon in the woodline vicinity 998826, and a mech platoon in the woodline vicinity 990810.

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PERFORMANCE MEASURES (cont)

b. Contact points where the passing unit initially enters the stationary unit's position. In figure 1, there are four contact points indicated 1, 2, 3, and 4, for a company/ team. Your part in this passage of lines would normally involve one primary and possibly one alternate contact point.

c. Passage lanes which are cleared routes through the stationary unit's position. These routes must be wide enough to allow the passing unit to maneuver if necessary. If possible, select primary and alternate routes (figs 1 and 2).

d. Attack position for a forward passage of lines (fig 2) or an assembly area for rearward passage of lines (fig 1). These positions should provide cover and concealment and be located where the passing unit will not interfere with the stationary unit.

e. Initial location for combat support and combat service support elements. For example, company/team command post is located at 998807 and the trains are at 990806.

2. Upon completion of your reconnaissance, coordinate the following with the platoon sergeant from the friendly unit:

a. Time of transfer of responsibility. This may be specified in the frag order; however, it is generally left up to the coordinating leaders to decide. In a rearward passage of lines (fig 1), it is important that the stationary force take responsibility as quickly as possible; therefore, the stationary force must be able to begin maneuvering against the enemy force while the passing force is disengaging. In a forward passage of lines (fig 2) the reverse is true. The passing force must be able to maneuver against the enemy force as soon as possible. It is preferable for the stationary force in a forward passage of lines to not be actively engaged with the enemy force during the passage, if possible.

b. Traffic Control. Guides from the stationary force should be positioned at the designated contact points to guide the passing unit through the stationary unit to a designated release point. The passing unit platoon sergeant must tell the stationary unit platoon sergeant the type, number, and order of vehicles that will pass through each check point.

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PERFORMANCE MEASURES (cont)

c. Communications. Exchange CEOI data, pyrotechnic signals and recognition signals, and monitor both radio nets. Recognition signals must be known to all personnel of both units. Possible recognition signals include flashlights with colored filters, flag signals, pyrotechnic signals, sound signals, radio signals, and challenge and password.

d. Supporting fires. Determine whether the stationary force will provide direct and indirect supporting fires to mask and cover the movement of the passing unit.

e. Combat service support. During the passage of lines the stationary unit should help the passing unit with casualty, PW, vehicle evacuation, and fuel and ammunition resupply. In order to accomplish this without unnecessary delay of the passing unit, coordinate specific requirements. For example, TWO WITAs; ONE KIA; FOUR PWs; ONE DISABLED M113A1; 1,500 GALLONS OF DIESEL FUEL; 3,000 CALIBER .50 M85 AMMUNITION; 8,000 CALIBER .50 M2 AMMUNITION; 16,000 COAX 7.62-MM AMMUNITION; 87 HEAT, 92 SABOT, 27 SEP, AND 16 SMOKE ROUNDS; 16 TOWs; 19 LAWs, AND FIVE DRAGONS. Although it is not likely that the stationary unit will be able to fill all the needs of the passing unit, the requirements will have been accurately identified.

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PERFORMANCE MEASURES (cont)

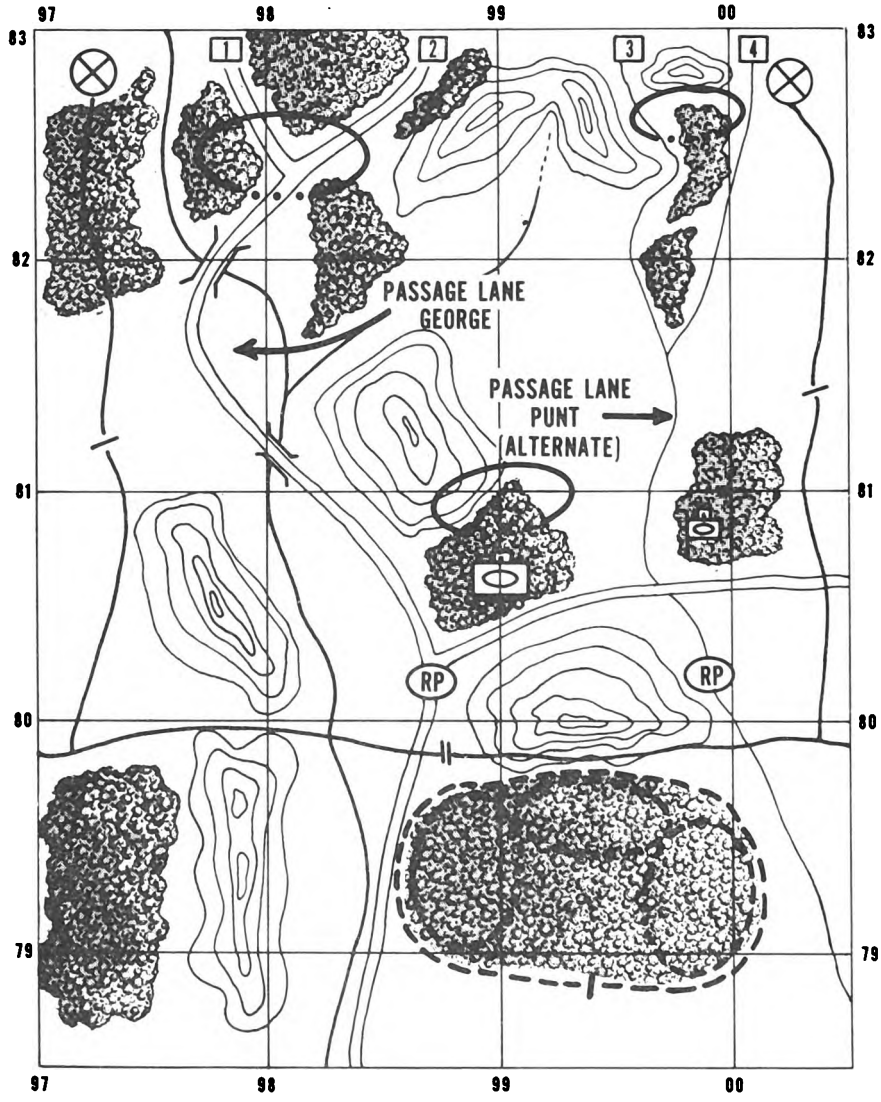

Figure 1. Rearward passage of lines.

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PERFORMANCE MEASURES (cont)

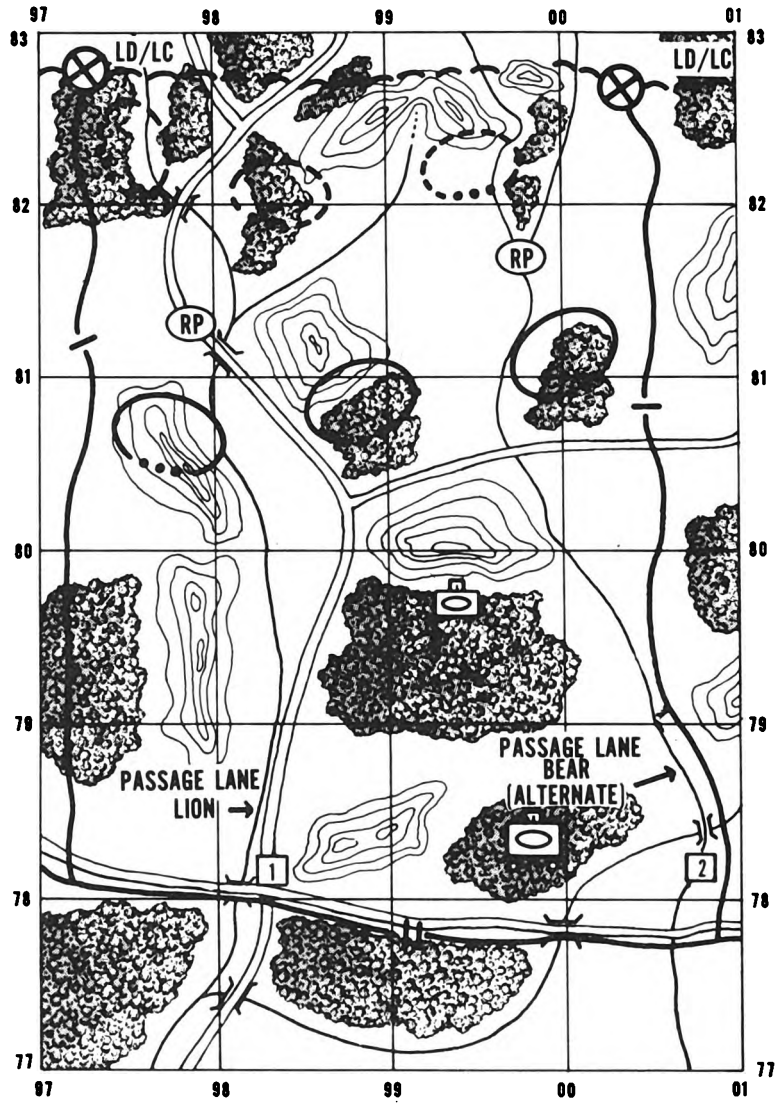

Figure 2. Forward passage of lines.

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REFERENCES

FM 71-1, Tank and Mechanized Infantry Company Team, app L.
FM 71-2, The Tank and Mechanized Infantry Battalion Task Force, app E.
FM 17-95, Cavalry, app D, pp D-5 thru D-8.

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CONDUCT PLATOON TECHNIQUES OF MOVEMENT

CONDITIONS

Given a platoon of combat vehicles, crew, BII, and a situation in which you must move a platoon from one location to another.

STANDARDS

Move your platoon from one location to another as quickly as the terrain and enemy situation allows with minimum exposure of the vehicles to enemy fire and observation.

PERFORMANCE MEASURES

1. Move your platoon using traveling when enemy contact is not likely (fig 1).

   Note. All figures in this task summary will show a tank platoon as an example of techniques of movement.

   a. Direct the use of traveling by including it in your operation order, by sending a radio message, or by using the visual signal shown in figure 1.
   b. Make sure vehicles maintain dispersion laterally and in depth. Ensure that visual contact is maintained between adjacent vehicles. Do not allow vehicles to come close together (25 to 50m) unless terrain forces it. Do not let them stay close together for more than 3 to 5 minutes since this increases their vulnerability to air and artillery attacks.
   c. Make sure your vehicle is positioned in the formation so that you can maintain effective control of the entire platoon.

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PERFORMANCE MEASURES (cont)

TRAVELING. When contact is not likely, the platoon moves with one section trailing the other. The platoon leader is normally in the lead section to aid navigation, movement, and control. Terrain or administrative requirements may force sections to move closer together, but they spread out laterally as soon as possible. When traveling, the platoon moves as a unit.

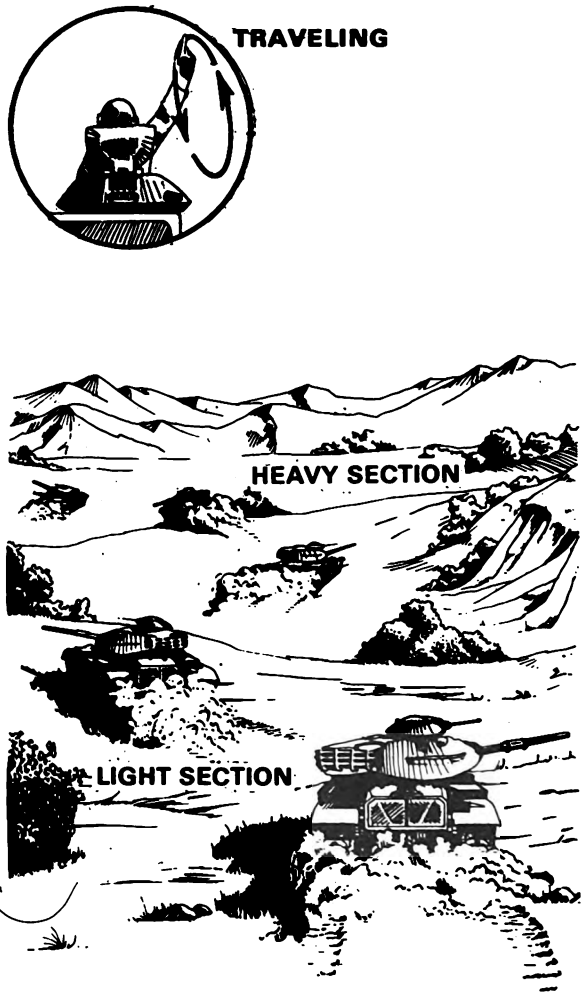

Figure 1.

2. Move your platoon using traveling overwatch when enemy contact is possible (fig 2).

   a. Inform your vehicle commanders to use traveling overwatch. Although this may be specified in the operation order, you

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PERFORMANCE MEASURES (cont)

may also use the radio or the visual signal shown in figure 2. You must ensure that every vehicle commander receives and understands the message.

b. Specify the lead vehicle. For maximum control, you will normally be in the lead section.

c. Make sure dispersion is maintained as in performance measure 1b above.

d. Make sure the trailing section maintains visual contact with the lead section and that it selects routes and over-watch positions which enable it, on enemy contact, to support the lead section by fire.

TRAVELING OVERWATCH. When contact is possible and massed movement is desirable, traveling overwatch is used. The lead section is continuously moving while the trailing section moves at variable speeds, sometimes pausing to overwatch movement of the lead section. The trailing section keys its movement to terrain, overwatching from a position where it can support the lead section if that section engages the enemy.

Figure 2.

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PERFORMANCE MEASURES (cont)

3. Move your platoon using bounding overwatch when enemy contact is expected (figs 3 and 4). This is a slow and deliberate movement.

   a. During your platoon's movement, you may at any time direct bounding overwatch by radio or by visual signals as indicated if figures 3 and 4. Bounding overwatch may be specified in your operation order to be automatically employed upon crossing the LD/LC or at any other specified location or time.

BOUNDING OVERWATCH.

In a tank platoon, the tank sections move by bounds; one section is always in a position to overwatch and provide supporting fire before the other section moves. The platoon leader decides which section will lead based on his visual reconnaissance of the terrain. The bounding section moves forward on a covered or concealed route whenever possible. Each tank in the moving section normally uses a separate route and keeps visual contact with its section leader. This is the slowest but most secure movement technique.

In cavalry operations, the tank section in each team provides overwatch for the scouts in its section. The scouts use covered and concealed routes whenever possible and overwatch each other's bounds when they maneuver out from under the protective fires of their overwatching tanks. Once the scouts reach the next terrain feature, the tanks move to that position using the most direct covered and concealed route.

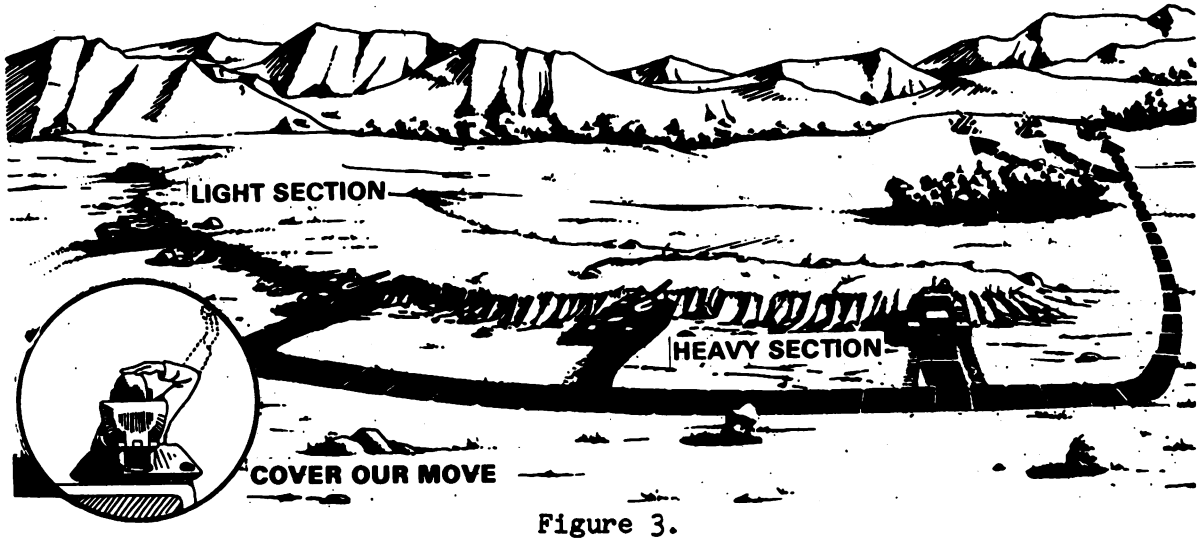

Figure 3.

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PERFORMANCE MEASURES (cont)

Figure 4.

b. Make sure each vehicle in the bounding section moves by a separate covered and concealed route if possible.
c. Control the length of the bounds so that the overwatching element maintains contact with the bounding element.
d. Make sure the overwatching element occupies good firing positions that provide the maximum fields of fire and observation available to support the bounding element by fire (see Task Summaries 171-127-1001, Select Firing Positions; 171-127-1002, Occupy Firing Positions; 171-140-1111, Occupy an M113A1 Firing Position; 171-140-3006, Select a TOW Firing Position).
e. When the bounding element completes its bound and each vehicle occupies a good overwatch firing position, signal the over-watching element to move up and occupy designated overwatch positions to your left or right (fig 4).
f. Continue this sequence until:

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PERFORMANCE MEASURES (cont)

(1) Contact is made with the enemy.
(2) The objective is taken.
(3) You determine that enemy contact is no longer expected.

4. Make sure vehicles make maximum use of the terrain for cover and concealment at all times (see Task Summaries 171-140-1112 and 171-121-1003, Negotiate a Route Using Terrain for Cover and Concealment).

REFERENCES

FM 71-1, Tank and Mechanized Infantry Company Team, chap 4, pp 4-26 thru 4-56.
FM 17-95, Cavalry, chap 4.

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CONSOLIDATED LIST OF REFERENCES

MOS 19D

This list of references includes all material cited in Soldier's Manuals for MOS 19D, Skill Level 4. Changes to these publications and current publication dates can be found in the DA Pam 310 series. Reference changes which substantially alter the task summaries contained in your Soldier's Manuals will be published as a part of your SQT notice.

ARMY REGULATIONS (AR)

600-200	Enlisted Personnel Management System.

DEPARTMENT OF THE ARMY PAMPHLETS (DA Pam)

623-1	Preparation of Enlisted Evaluation Reports.

FIELD MANUALS (FM)

5-36	Route Reconnaissance and Classification.
7-7	The Mechanized Infantry Platoon and Squad.
17-12	Tank Gunnery.
17-95	Cavalry.
21-40	NBC Defense
71-1	Tank and Mechanized Infantry Company
71-2	The Tank and Mechanized Infantry Battalion Task Force.

TRAINING EXTENSION COURSES (TEC)

201-113-4562-J	Operating Instructions for Communications Security Equipment HYL-3/TSEC/KY-38.

TECHNICAL MANUALS (TM)

3-220	Chemical, Radiological, and Biological Decontamination.
11-5810-245-10	Operator's Manual for Communications Security Equipment TSEC/KY-38.
11-5810-300-12	Operator and Organizational Manual for NESTOR Communications Systems Using TSEC/KY-8 and TSEC/KY-38 with Radio Sets and Associated Equipment (FOUO).

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11-5820-498-12	Operator's and Organizational Maintenance Manual, Including Repair Parts and Special Tools Lists: Radio Sets AN/VRC-53, AN/VRC-64, AN/GRC-125, and AN/GRC-160, and Amplifier-Power Supply Groups OA-3633/GRC and OA-3633A/GRC.

GRAPHIC TRAINING AIDS (GTA)

5-7-7	Bridge Classification Card.
5-10-28	Demolition Card.

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